



**March Quarter 1990  
Employed Wage  
and Salary  
Earners  
Australia**

**Catalogue No. 6248.0**



EMBARGOED UNTIL 11.30 A.M. 3 AUGUST 1990

**EMPLOYED WAGE AND SALARY EARNERS  
AUSTRALIA  
MARCH QUARTER 1990**

**IAN CASTLES**  
Australian Statistician

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PHONE INQUIRIES	<ul style="list-style-type: none"> <li>• <i>about these statistics and the availability of related unpublished statistics</i> — contact Mr Tony Gilbert on Canberra (06) 252 6655 or any ABS State office.</li> </ul>
MAIL INQUIRIES	<ul style="list-style-type: none"> <li>• <i>about other statistics and ABS services</i> — contact Information Services on Canberra (06) 252 6627, 252 5402, 252 6007 or any ABS State office.</li> </ul>
ELECTRONIC SERVICES	<ul style="list-style-type: none"> <li>• write to Information Services, ABS, PO Box 10, Belconnen, ACT 2616 or any ABS State office.</li> <li>• on DISCOVERY — key *656#.</li> <li>• on AUSSTATS — phone (06) 252 6017.</li> <li>• on TELESTATS — phone (06) 252 5404 Foreign Trade statistics inquiries.</li> <li>(06) 252 5405 Main Economic Indicator inquiries</li> </ul>

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## SUMMARY OF FINDINGS

The Australian Bureau of Statistics (ABS) publishes two series of employment estimates.

The monthly Labour Force Survey collects data by interview from a sample of about 31,000 private and non-private dwellings, using trained interviewers. Self-employed persons are included in the Labour Force Survey. The estimates are published in *The Labour Force, Australia, Preliminary* (6202.0) and *The Labour Force, Australia* (6203.0).

The Survey of Employment and Earnings is a quarterly sample survey of approximately 15,000 private and 2,500 public employer units, selected from the ABS register of businesses and conducted by mail. This publication contains estimates from the Survey of Employment and Earnings.

There are conceptual and methodological reasons for differences in the estimates produced by the two surveys. These are discussed in paragraphs 18-21 of Appendix 1 and in an *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0). The two series should be seen as complementary and movements in them have generally been broadly consistent. In recent time periods the two surveys have shown some divergence in the estimates produced.

The ABS considers the Labour Force series provides the better indicator of overall employment movements at the Australian and State level. The aggregate employment estimates in the quarterly National Accounts are based on that source.

The Survey of Employment and Earnings provides detailed estimates of employment at the State and industry level, with a dissection between public and private sector employment.

### Private and public sectors

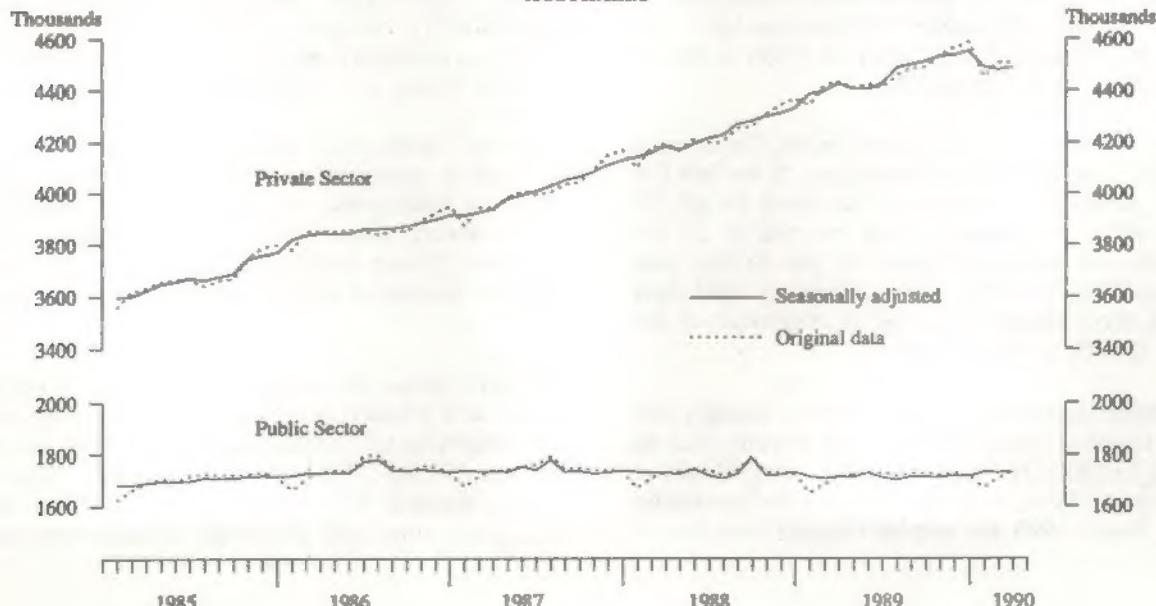
Growth in the number of employed wage and salary earners (employees) in recent years is shown in Diagram 1 below in both original and seasonally adjusted terms. The following data are presented in seasonally adjusted terms. It can be seen that growth has been concentrated in the private sector. In the twelve months to March 1990, the number of private sector employees grew by 73,100 (1.7%) to 4,488,800. Since March 1985, the estimated number of employees has increased by 867,000 (23.9%) which represents an average annual increase of 4.4 per cent. Since December 1989, the number of private sector employees decreased by 63,800 (1.4%).

Diagram 1 also shows a markedly different pattern for employment in the public sector. In the twelve months to March 1990, the number of public sector employees increased by 17,600 (1.0%) and the public sector has grown by 41,900 (2.5%) since March 1985, which is an average annual increase over this period of 0.5 per cent. Since December 1989, the number of public sector employees increased by 15,800 (0.9%). The increase in Commonwealth Government employment is 1.6%, while that for State Government is 0.8% between December 1989 and March 1990.

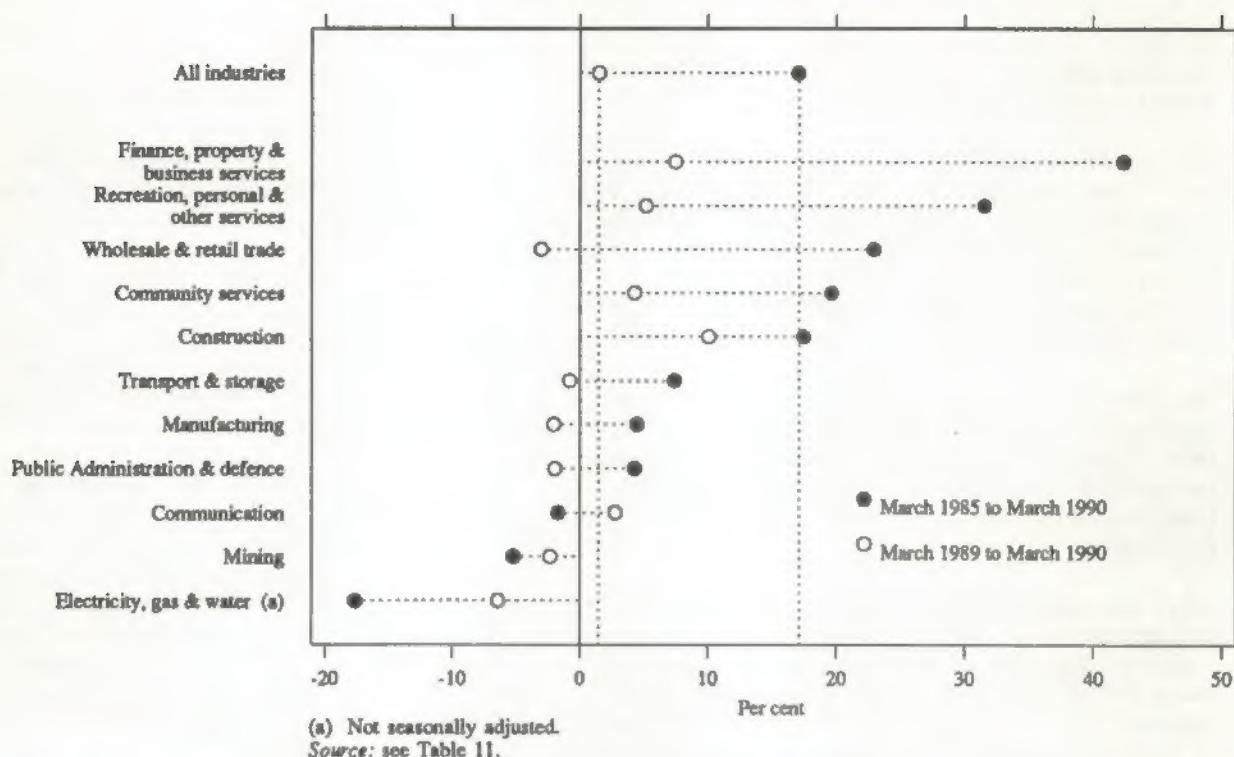
The proportion of wage and salary earners employed in the private sector has continued to increase, from 68.2 per cent in March 1985, to 72.0 per cent in March 1989 and 72.1 per cent in March 1990.

Diagram 1 also shows the effects of a number of occurrences that have caused public sector employee estimates to either increase or decrease. In summary, these occurrences are: the cessation and later re-employment of temporary staff of the Community services industry at the end of the school year (December and January each year); the employment of temporary staff to conduct the 1986 Census of Population and Housing (June and July 1986),

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS  
AUSTRALIA



**DIAGRAM 2 EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED:  
EMPLOYEE GROWTH, INDUSTRY, AUSTRALIA**



(a) Not seasonally adjusted.  
Source: see Table 11.

the July 1987 Federal Election and the September 1988 Referendum. Further details of these occurrences are provided in previous editions of this publication.

#### Industries

Diagram 2 shows changes in the number of employed wage and salary earners for the last twelve months and over the five years to March 1990, classified by ASIC division. Changes over the last three months are also discussed in the text. The data are presented in seasonally adjusted terms unless otherwise stated.

The Finance, property and business services industry continues to show strong employee growth, with an increase of 246,100 (42.4%) since March 1985. This is an average annual increase of 7.3 per cent. Employee growth in the last twelve months also continues with an increase of 57,500 (7.5%). Since December 1989 there has been a decrease in the number of employees of 2,300 (0.3%) to 826,700 employees in March 1990.

Growth in the number of employees in the Construction industry continues but at a decreased rate. In the last five years the number of employees has risen by 48,100 (17.5%). This is an average annual increase of 3.3 per cent. In the last twelve months the growth has been 29,500 employees (10.1%). Since December 1989 there has been a decrease in the number of employees of 500 (0.2%) to 322,700 in March 1990.

The Recreation, personal and other services industry also continues to show substantial employee growth, with an increase of 114,300 (31.6%) since March 1985. This is an average annual increase of 5.6 per cent. In the twelve months to March 1990, the number of employees has in-

creased by 23,400 (5.2%). Since December 1989 there has been a decrease in the number of employees of 7,100 (1.5%) to 475,700 employees in March 1990.

The Wholesale and retail trade industry shows employee growth over the five years since March 1985, with an increase in the number of employees of 236,900 (23.0%). This is an average annual increase of 4.2 per cent. In the last year, to March 1990, a decrease in the number of employees of 38,800 (3.0%) has occurred. Since December 1989 there has been a decrease in the number of employees of 25,600 (2.0%) to 1,266,500 in March 1990.

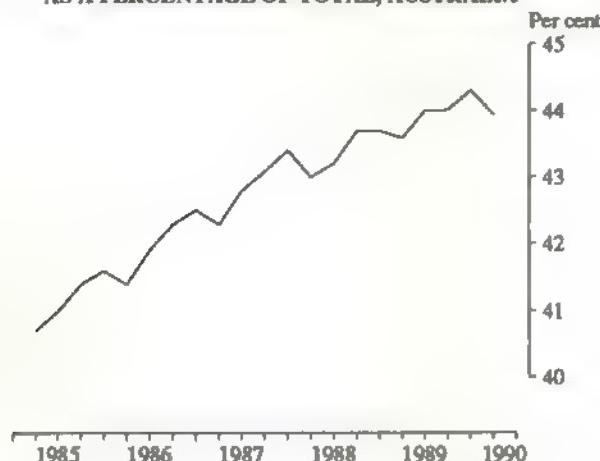
The Electricity, gas and water industry does not exhibit any significant seasonality and is presented only in original terms. It shows a decrease of 24,800 employees (17.6%) in the last five years, which is an average annual decrease of 3.8 per cent. A decrease of 7,900 employees (6.4%) has occurred over the last year, with estimated employment falling to 116,000 in March 1990.

#### Male and female wage and salary earners

Estimates of male and female wage and salary earners relate to the middle month of each quarter and are presented only in original terms. For the year to February 1990, the number of female employees increased by 2.8 per cent while the number of male employees increased by 1.2 per cent.

Diagram 3 shows the number of female wage and salary earners as a proportion of total wage and salary earners. This proportion has grown steadily from 40.7 per cent in February 1985 to 44.0 per cent in February 1990. Note that the seasonal fall, between November and February each year, is principally due to the decrease in the number

**DIAGRAM 3. FEMALE WAGE AND SALARY EARNERS AS A PERCENTAGE OF TOTAL, AUSTRALIA**



Source: see Table 4.

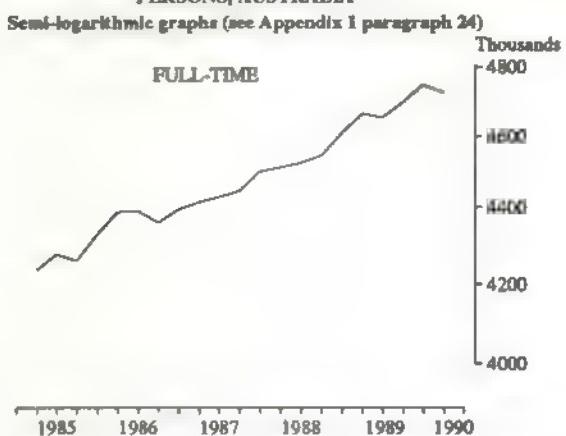
of part-time female employees in the education component of the Community services industry.

#### Full-time and part-time wage and salary earners

Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter and are presented only in original terms. In February 1990 there were an estimated 4,722,900 full-time and 1,497,500 part-time employees in Australia - a decrease of 22,700 (0.5%) full-time and a decrease of 58,700 (3.8%) part-time employees since November 1989.

Diagram 4 shows the growth in the number of full-time and part-time employees over the last five years. The rate of growth for part-time employees (43.0%) has been much greater than that for full-time employees (11.5%). Average annual growth rates have been 7.4 per cent part-time and 2.2 per cent full-time. In the twelve months to February 1990, part-time employees have increased by 56,600 (3.9%), compared with an increase in the number of full-time employees of 60,300 (1.3%).

**DIAGRAM 4. EMPLOYED WAGE AND SALARY EARNERS, PERSONS, AUSTRALIA**



Source: see Table 9.

#### Earnings

Total earnings for employed wage and salary earners in the March quarter 1990 in original terms are estimated as \$37,363.7m. This is an increase of \$3,018.5m (8.8%) over the same period in the previous year and an increase of \$14,886.7m (66.2%) over March quarter 1985, (an annual average increase of 10.7 per cent).

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA, PERSONS  
('000)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1986—March	1,359.4	1,107.3	548.1	317.5	346.5	93.8	33.8	45.9	3,852.1
1987—March	1,390.2	1,128.5	550.9	322.8	366.1	99.9	32.9	49.3	3,940.6
1988—March	1,522.8	1,202.1	577.0	343.0	365.9	98.7	29.1	54.7	4,193.2
1989—									
February	1,571.7	1,269.3	676.9	350.0	365.6	99.8	33.8	51.0	4,418.0
March	1,572.1	1,278.6	679.8	349.8	368.5	100.3	33.6	51.5	4,434.2
April	1,566.6	1,249.6	680.0	362.4	365.6	97.1	35.0	54.1	4,410.5
May	1,564.9	1,257.1	685.5	363.6	364.8	96.6	36.1	54.2	4,422.8
June	1,561.5	1,253.5	683.0	362.4	363.2	95.9	36.0	53.0	4,408.5
July	1,578.2	1,279.0	684.8	362.5	360.9	102.0	37.8	55.9	4,461.0
August	1,591.6	1,278.1	694.7	362.2	362.9	103.0	38.3	55.8	4,486.6
September	1,599.6	1,276.3	694.0	363.1	361.7	102.3	38.2	56.4	4,491.5
October	1,615.5	1,272.2	706.8	364.4	378.7	102.2	41.0	56.2	4,537.0
November	1,628.4	1,278.0	714.3	368.4	380.8	103.3	40.2	56.1	4,569.6
December	1,638.7	1,282.9	715.2	372.1	382.6	105.0	39.2	56.3	4,591.9
1990—									
January	1,590.2	1,246.1	688.0	367.4	367.0	104.3	37.2	53.3	4,453.5
February	1,610.4	1,261.2	697.7	371.3	371.9	104.8	38.7	54.6	4,510.5
March	1,612.9	1,258.8	695.6	373.5	368.9	104.7	39.0	54.5	4,507.8
PUBLIC									
1986—March	567.3	449.0	259.6	150.9	159.4	52.1	21.9	70.7	1,730.8
1987—March	570.5	451.3	258.0	152.0	158.2	52.5	21.9	72.3	1,736.7
1988—March	570.9	454.0	251.7	151.7	156.8	51.9	21.5	71.5	1,730.0
1989—									
February	547.2	446.1	250.8	147.7	152.9	50.4	20.8	69.7	1,685.5
March	559.1	451.6	254.3	150.0	159.7	51.3	21.5	70.9	1,718.5
April	559.9	451.3	257.1	149.5	159.9	52.7	21.4	70.1	1,721.8
May	562.5	453.8	257.7	149.3	159.5	55.1	21.5	70.2	1,729.6
June	566.6	453.8	255.4	149.8	161.0	53.6	21.7	70.3	1,732.3
July	556.6	453.8	256.5	149.0	157.1	52.5	22.3	68.5	1,716.3
August	560.7	456.0	256.2	149.9	159.5	53.5	22.1	69.8	1,727.7
September	561.5	456.3	252.2	150.6	161.5	53.2	22.2	70.0	1,727.5
October	r 554.1	453.0	r 257.9	150.7	159.6	53.6	22.3	r 69.9	r 1,721.1
November	r 559.1	454.0	r 258.8	151.0	162.8	54.1	22.5	r 69.9	r 1,732.2
December	r 550.8	452.8	r 257.0	150.5	157.4	54.7	22.3	r 69.8	r 1,715.2
1990—									
January	543.1	441.6	249.5	143.7	154.1	50.4	22.1	68.6	1,673.1
February	553.4	448.2	258.5	149.7	158.4	50.1	22.0	69.6	1,709.8
March	562.5	452.6	261.8	151.9	161.6	52.3	22.3	71.1	1,736.0
PRIVATE AND PUBLIC									
1986—March	1,926.6	1,556.2	807.6	468.4	505.9	145.8	55.6	116.6	5,582.8
1987—March	1,960.7	1,579.7	808.9	474.7	524.3	152.4	54.7	121.6	5,677.2
1988—March	2,093.7	1,656.1	828.7	494.7	522.7	150.6	50.7	126.2	5,923.2
1989—									
February	2,118.8	1,715.3	927.7	497.7	518.5	150.2	54.6	120.7	6,103.5
March	2,131.2	1,730.3	934.2	499.8	528.2	151.5	55.1	122.4	6,152.7
April	2,126.5	1,701.0	937.2	511.9	525.5	149.8	56.4	124.1	6,132.3
May	2,127.4	1,710.9	943.2	512.9	524.3	151.7	57.6	124.4	6,152.4
June	2,128.1	1,707.3	938.4	512.2	524.2	149.6	57.7	123.3	6,140.8
July	2,134.8	1,732.8	941.3	511.4	518.0	154.5	60.1	124.5	6,177.3
August	2,152.3	1,734.2	950.9	512.1	522.4	156.4	60.4	125.6	6,214.3
September	2,161.1	1,732.6	946.2	513.7	523.1	155.5	60.4	126.4	6,219.0
October	r 2,169.7	1,725.1	r 964.7	515.1	538.3	155.8	63.3	r 126.2	r 6,258.1
November	r 2,187.5	1,732.0	r 973.2	519.5	543.6	157.4	62.6	r 126.0	r 6,301.8
December	r 2,189.5	1,735.7	r 972.2	522.6	540.0	159.7	61.5	r 126.0	r 6,307.2
1990—									
January	2,133.3	1,687.7	937.5	511.1	521.1	154.7	59.3	122.0	6,126.7
February	2,163.7	1,709.3	956.2	521.0	530.3	154.9	60.7	124.2	6,220.4
March	2,175.4	1,711.4	957.4	525.3	530.5	157.0	61.3	125.6	6,243.9

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA, PERSONS ('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1986—March	1,353.7	1,101.4	550.2	316.2	345.4	92.4	35.0	45.7	3,840.0
1987—March	1,384.0	1,122.3	552.7	321.1	364.1	98.4	34.2	49.2	3,926.1
1988—March	1,515.7	1,195.6	578.5	340.9	363.2	97.1	30.3	54.6	4,175.8
1989—									
February	1,557.2	1,263.3	676.8	347.4	363.2	98.8	35.1	50.7	4,392.5
March	1,564.9	1,271.5	681.4	347.5	365.5	98.6	34.9	51.5	4,415.7
April	1,563.8	1,248.8	679.5	361.1	365.9	96.8	35.1	54.4	4,405.5
May	1,563.7	1,254.7	679.6	361.4	364.6	96.5	35.2	54.0	4,409.7
June	1,573.9	1,265.2	681.2	362.7	364.1	96.6	34.5	53.9	4,432.1
July	1,590.1	1,284.1	691.0	363.1	364.4	102.9	37.0	55.9	4,488.5
August	1,605.2	1,278.4	695.6	362.7	365.0	103.9	37.2	55.7	4,503.9
September	1,616.2	1,279.8	696.3	364.2	365.1	103.6	37.1	56.7	4,519.0
October	1,613.6	1,274.4	702.2	367.1	378.2	103.5	39.9	55.8	4,534.7
November	1,615.3	1,270.6	707.8	368.5	378.2	102.9	40.6	54.8	4,538.7
December	1,619.0	1,269.1	714.8	373.2	377.5	103.0	40.5	55.4	4,552.6
1990—									
January	1,596.5	1,260.9	696.4	369.6	370.5	104.7	39.3	55.1	4,492.9
February	1,595.3	1,255.3	697.7	368.5	369.3	103.8	40.1	54.2	4,484.2
March	1,605.5	1,251.6	697.1	370.9	365.7	102.9	40.5	54.5	4,488.8
PUBLIC									
1986—March	566.0	449.9	258.7	151.0	158.7	52.6	21.8	70.4	1,728.9
1987—March	569.4	452.2	257.2	151.9	157.4	53.1	21.8	72.0	1,734.9
1988—March	569.9	454.7	250.8	151.4	155.8	52.5	21.4	71.3	1,728.2
1989—									
February	553.0	451.5	253.1	149.8	155.1	52.8	21.1	70.4	1,706.8
March	558.1	452.4	253.4	149.8	158.6	51.9	21.5	70.6	1,716.6
April	557.2	451.4	255.2	148.8	158.6	52.5	21.4	69.6	1,714.7
May	555.8	451.6	254.7	149.1	157.7	54.2	21.5	69.3	1,713.9
June	560.6	451.9	252.3	148.8	158.1	53.2	21.4	69.0	1,715.3
July	564.8	451.6	255.8	147.9	157.8	51.8	22.1	68.5	1,721.3
August	556.4	451.1	255.3	148.6	158.5	52.8	22.3	69.9	1,714.2
September	554.3	452.6	251.4	149.4	159.8	52.6	22.2	70.0	1,712.1
October	r 551.6	449.7	r 257.8	149.4	159.1	53.1	22.3	r 70.1	r 1,712.8
November	r 552.8	452.2	r 258.6	149.7	162.0	53.7	22.4	r 69.9	r 1,720.9
December	r 552.1	452.9	r 259.3	149.5	158.4	54.0	22.2	r 70.0	r 1,718.4
1990—									
January	565.2	455.0	256.9	151.2	161.0	52.6	22.3	69.9	1,734.2
February	559.4	453.6	260.8	151.9	160.7	52.5	22.4	70.1	1,731.4
March	561.5	453.5	260.9	151.6	160.5	53.0	22.2	70.9	1,734.2
PRIVATE AND PUBLIC									
1986—March	1,919.7	1,551.3	808.8	467.2	504.1	145.0	56.8	116.1	5,568.9
1987—March	1,953.4	1,574.5	809.9	473.1	521.5	151.5	56.1	121.2	5,660.9
1988—March	2,085.6	1,650.3	829.3	492.4	519.0	149.6	51.7	125.8	5,904.0
1989—									
February	2,110.2	1,714.7	929.9	497.3	518.3	151.6	56.2	121.1	6,099.3
March	2,122.9	1,723.9	934.8	497.2	524.1	150.5	56.4	122.1	6,132.3
April	2,121.0	1,700.1	934.7	509.9	524.5	149.3	56.5	124.0	6,120.2
May	2,119.4	1,706.3	934.3	510.5	522.3	150.7	56.7	123.2	6,123.6
June	2,134.5	1,717.1	933.5	511.5	522.2	149.8	56.0	122.9	6,147.4
July	2,154.9	1,735.7	946.8	511.1	522.2	154.7	59.1	124.4	6,209.8
August	2,161.6	1,729.6	950.9	511.3	523.5	156.6	59.5	125.6	6,218.0
September	2,170.6	1,732.4	947.7	513.6	525.0	156.3	59.3	126.7	6,231.2
October	r 2,165.2	1,724.1	r 960.0	516.5	537.3	156.5	62.1	r 125.9	r 6,247.5
November	r 2,168.1	1,722.7	r 966.4	518.1	540.2	156.6	63.1	r 124.8	r 6,259.6
December	r 2,171.1	1,721.9	r 974.1	522.7	535.9	157.0	62.8	r 125.4	r 6,270.9
1990—									
January	2,161.7	1,716.0	953.3	520.8	531.5	157.3	61.5	125.0	6,227.1
February	2,154.6	1,708.9	958.5	520.3	530.1	156.3	62.5	124.4	6,215.6
March	2,167.0	1,705.1	958.0	522.5	526.2	155.9	62.7	125.3	6,223.0

**TABLE 3. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS  
(\$m)**

<i>Quarter</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
<b>PRIVATE</b>									
1984-85	21,719.3	16,403.5	8,034.9	4,729.9	5,150.5	1,381.4	494.7	640.4	58,554.7
1985-86	24,030.5	18,747.2	8,830.5	5,171.7	5,869.0	1,513.7	601.1	708.2	65,471.9
1986-87	26,896.8	21,053.5	9,490.0	5,488.3	6,646.3	1,687.9	632.9	824.0	72,719.6
1987-88	31,149.5	23,957.9	10,549.8	6,080.3	7,309.7	1,751.3	624.8	957.5	82,380.7
1988-89	34,980.6	27,232.4	13,031.4	6,732.8	7,795.8	1,880.8	725.7	1,063.8	93,443.2
1987—									
September	7,314.3	5,742.9	2,524.4	1,465.6	1,762.4	436.4	160.4	233.1	19,639.4
December	7,979.4	6,222.0	2,701.5	1,525.3	1,898.8	455.5	159.0	250.0	21,191.5
1988—									
March	7,707.1	5,796.5	2,563.1	1,481.8	1,770.9	411.0	149.3	230.4	20,110.1
June	8,148.8	6,196.5	2,760.8	1,607.5	1,877.6	448.3	156.0	244.0	21,439.6
September	8,291.8	6,429.9	2,974.7	1,598.8	1,867.2	442.1	181.0	257.9	22,043.4
December	8,934.6	7,081.1	3,234.4	1,682.2	1,978.6	481.3	177.5	273.6	23,843.3
1989—									
March	8,702.2	6,677.3	3,282.5	1,634.4	1,902.0	466.3	173.8	252.8	23,091.1
June	9,052.0	7,044.0	3,539.8	1,817.5	2,048.1	491.1	193.5	279.5	24,465.5
September	9,388.7	7,369.7	3,620.3	1,833.7	2,027.6	510.3	212.3	284.3	25,246.9
December	10,087.9	7,822.5	3,920.8	1,958.9	2,274.5	549.8	228.2	300.6	27,143.3
1990—									
March	9,574.3	7,173.5	3,563.6	1,847.2	2,122.0	555.6	208.3	278.3	25,322.7
<b>PUBLIC</b>									
1984-85	11,678.5	9,112.8	5,002.5	3,078.7	3,069.9	1,038.2	497.3	1,607.0	35,084.9
1985-86	12,562.3	9,799.5	5,363.1	3,252.0	3,299.5	1,123.2	556.4	1,777.8	37,733.7
1986-87	13,415.4	10,565.5	5,702.4	3,423.2	3,509.9	1,169.6	584.2	1,914.0	40,284.2
1987-88	14,142.2	11,296.9	5,839.2	3,629.2	3,748.7	1,233.4	597.5	1,989.7	42,476.9
1988-89	15,067.3	11,900.3	6,429.6	3,845.7	4,030.1	1,309.7	629.9	2,152.6	45,365.4
1987—									
September	3,433.2	2,849.0	1,484.2	873.4	913.1	315.3	158.7	507.0	10,534.0
December	3,591.1	2,812.5	1,435.6	924.9	966.9	313.9	147.1	489.0	10,681.0
1988—									
March	3,553.9	2,724.5	1,431.0	915.0	926.3	301.9	150.0	513.7	10,516.1
June	3,563.9	2,910.9	1,488.3	916.0	942.4	302.4	141.7	480.1	10,745.8
September	3,768.9	2,937.6	1,564.8	943.1	1,013.3	325.8	161.8	555.3	11,270.5
December	3,816.4	2,985.6	1,678.9	959.9	1,003.1	341.5	155.7	512.2	11,453.3
1989—									
March	3,757.2	2,930.2	1,523.9	965.7	1,029.1	319.8	157.9	570.3	11,254.1
June	3,722.1	3,047.3	1,662.0	977.1	986.1	322.6	154.6	514.8	11,386.6
September	3,907.1	3,059.7	1,648.7	1,004.7	1,098.3	350.0	176.7	565.7	11,811.0
December	3,841.8	3,240.8	1,708.6	1,012.9	1,073.5	357.1	163.4	515.4	11,913.6
1990—									
March	4,027.3	3,113.0	1,645.0	1,041.3	1,120.7	350.1	170.0	573.5	12,041.0
<b>PRIVATE AND PUBLIC</b>									
1984-85	33,398.0	25,516.3	13,037.4	7,808.7	8,220.4	2,419.6	991.9	2,247.3	93,639.8
1985-86	36,592.8	28,546.6	14,193.6	8,423.7	9,168.6	2,636.9	1,157.5	2,485.9	103,205.7
1986-87	40,312.1	31,618.9	15,192.4	8,911.4	10,156.2	2,857.5	1,217.2	2,737.9	113,003.8
1987-88	45,291.7	35,254.8	16,389.0	9,709.4	11,058.4	2,984.7	1,222.3	2,947.2	124,857.6
1988-89	50,048.0	39,132.7	19,461.0	10,578.5	11,825.9	3,190.6	1,355.6	3,216.4	138,808.6
1987—									
September	10,747.5	8,591.9	4,008.6	2,338.9	2,675.5	751.7	319.1	740.1	30,173.4
December	11,570.5	9,034.5	4,137.1	2,450.2	2,865.7	769.4	306.1	739.0	31,872.5
1988—									
March	11,260.9	8,521.0	3,994.1	2,396.8	2,697.2	712.9	299.3	744.0	30,626.3
June	11,712.7	9,107.4	4,249.2	2,523.5	2,820.0	750.7	297.8	724.1	32,185.4
September	12,060.7	9,367.6	4,539.5	2,541.9	2,880.4	767.9	342.7	813.2	33,313.9
December	12,751.0	10,066.7	4,913.4	2,642.1	2,981.7	822.8	333.1	785.8	35,296.6
1989—									
March	12,459.4	9,607.5	4,806.4	2,600.0	2,931.1	786.1	331.7	823.0	34,345.2
June	12,774.1	10,091.3	5,201.8	2,794.6	3,034.1	813.7	348.1	794.3	35,852.0
September	13,295.8	10,429.4	5,268.9	2,838.4	3,125.9	860.4	389.0	850.0	37,057.9
December	13,929.8	11,063.3	5,629.5	2,971.8	3,348.1	906.8	391.6	816.1	39,056.9
1990—									
March	13,601.6	10,286.5	5,208.6	2,888.5	3,242.7	905.7	378.3	851.8	37,363.7

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees ('000)						Gross earnings \$m	
	March 1989	December 1989	January 1990	February 1990		March 1990		
	Persons	Persons	Persons	Males	Females	Persons		
New South Wales	2,131.2	2,189.5	2,133.3	1,213.0	950.7	2,163.7	2,175.4	13,601.6
Private	1,572.1	1,638.7	1,590.2	893.1	717.2	1,610.4	1,612.9	9,574.3
Public	559.1	550.8	543.1	319.9	233.5	553.4	562.5	4,027.3
Commonwealth	135.3	134.3	134.8	85.4	50.7	136.1	136.7	1,027.2
State	362.9	355.3	348.5	186.7	169.7	356.4	365.5	2,602.8
Local	60.9	61.1	59.8	47.8	13.1	60.9	60.3	397.3
Victoria	1,730.3	1,735.7	1,687.7	952.0	757.3	1,709.3	1,711.4	10,286.5
Private	1,278.6	1,282.9	1,246.1	709.3	551.8	1,261.2	1,258.8	7,173.5
Public	451.6	452.8	441.6	242.7	205.5	448.2	452.6	3,113.0
Commonwealth	97.3	92.1	93.6	61.8	32.6	94.4	94.5	725.6
State	309.5	314.2	304.3	157.4	150.7	308.1	311.8	2,164.5
Local	44.8	46.5	43.7	23.5	22.2	45.7	46.2	223.0
Queensland	934.2	972.2	937.5	547.7	408.5	956.2	957.4	5,208.6
Private	679.8	715.2	688.0	393.2	304.5	697.7	695.6	3,563.6
Public	254.3	257.0	249.5	154.6	103.9	258.5	261.8	1,645.0
Commonwealth	49.4	49.8	50.1	31.2	19.1	50.4	50.3	372.8
State	177.6	178.3	171.1	99.3	80.2	179.5	182.8	1,107.7
Local	27.3	28.9	28.3	24.0	4.6	28.7	28.7	164.6
South Australia	499.8	522.6	511.1	291.6	229.4	521.0	525.3	2,888.5
Private	349.8	372.1	367.4	207.9	163.4	371.3	373.5	1,847.2
Public	150.0	150.5	143.7	83.7	66.0	149.7	151.9	1,041.3
Commonwealth	33.1	32.4	32.4	22.9	9.7	32.6	32.8	243.0
State	108.5	109.9	102.9	55.0	53.7	108.7	110.7	748.8
Local	8.4	8.2	8.3	5.8	2.6	8.4	8.4	49.5
Western Australia	528.2	540.0	521.1	295.4	234.9	530.3	530.5	3,242.7
Private	368.5	382.6	367.0	210.0	161.9	371.9	368.9	2,122.0
Public	159.7	157.4	154.1	85.4	73.0	158.4	161.6	1,120.7
Commonwealth	24.7	24.9	26.0	15.8	10.3	26.1	26.3	186.4
State	124.4	121.8	117.3	62.2	59.1	121.3	124.3	874.8
Local	10.5	10.8	10.8	7.4	3.6	11.0	11.1	59.4
Tasmania	151.5	159.7	154.7	89.2	65.7	154.9	157.0	905.7
Private	100.3	105.0	104.3	59.8	45.0	104.8	104.7	555.6
Public	51.3	54.7	50.4	29.4	20.7	50.1	52.3	350.1
Commonwealth	9.3	9.7	9.5	6.4	3.1	9.6	9.6	73.4
State	38.6	41.1	37.2	20.0	16.6	36.6	38.7	254.9
Local	3.4	3.9	3.8	2.9	1.0	3.9	3.9	21.8
Northern Territory	55.1	61.5	59.3	33.6	27.1	60.7	61.3	378.3
Private	33.6	39.2	37.2	22.2	16.5	38.7	39.0	208.3
Public	21.5	22.3	22.1	11.4	10.6	22.0	22.3	170.0
Commonwealth	4.8	4.2	4.5	2.7	1.8	4.5	4.6	36.3
State	15.8	16.8	16.4	7.9	8.4	16.3	16.5	127.8
Local	0.9	1.2	1.1	0.7	0.4	1.2	1.2	5.9
Austl. Capital Territory	122.4	126.0	122.0	63.8	60.4	124.2	125.6	851.8
Private	51.5	56.3	53.3	25.9	28.7	54.6	54.5	278.3
Public	70.9	69.8	68.6	37.9	31.7	69.6	71.1	573.5
Commonwealth	70.3	70.5	50.4	29.4	21.7	51.1	51.6	448.4
State	0.5	19.2	18.2	8.6	10.0	18.6	19.4	125.1
Australia	6,152.7	6,307.2	6,126.7	3,486.3	2,734.1	6,220.4	6,243.9	37,363.7
Private	4,434.2	4,591.9	4,453.5	2,521.4	1,989.1	4,510.5	4,507.8	25,322.7
Public	1,718.5	1,715.2	1,673.1	964.9	745.0	1,709.8	1,736.0	12,041.0
Commonwealth	424.3	397.9	401.3	255.6	149.2	404.7	406.4	3,113.1
State	1,137.8	1,156.6	1,116.0	597.1	548.4	1,145.4	1,169.8	8,006.3
Local	156.4	160.7	155.9	112.2	47.4	159.7	159.8	921.6

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS

State, Territory/Sector	Number of employees ('000)				
	March 1989	December 1989	January 1990	February 1990	March 1990
New South Wales	2,122.9	2,171.1	2,161.7	2,154.6	2,167.0
Private	1,564.9	1,619.0	1,596.5	1,595.3	1,605.5
Public	558.1	552.1	565.2	559.4	561.5
Commonwealth	134.7	134.5	135.1	135.7	136.1
State	362.2	357.1	370.1	362.7	364.9
Local	61.1	60.5	59.9	60.9	60.6
Victoria	1,723.9	1,721.9	1,716.0	1,708.9	1,705.1
Private	1,271.5	1,269.1	1,260.9	1,255.3	1,251.6
Public	452.4	452.9	455.0	453.6	453.5
Commonwealth	96.2	92.3	93.5	93.8	93.5
State	311.5	314.7	315.7	314.0	313.9
Local	44.7	45.9	45.7	45.8	46.2
Queensland	934.8	974.1	953.3	958.5	958.0
Private	681.4	714.8	696.4	697.7	697.1
Public	253.4	259.3	256.9	260.8	260.9
Commonwealth	49.5	49.7	50.4	50.5	50.5
State	176.5	180.5	177.7	181.5	181.7
Local	27.4	29.1	28.7	28.8	28.7
South Australia	497.2	522.7	520.8	520.3	522.5
Private	347.5	373.2	369.6	368.5	370.9
Public	149.8	149.5	151.2	151.9	151.6
Commonwealth	33.1	32.4	32.5	32.7	32.7
State	108.3	108.9	110.3	110.9	110.6
Local	8.4	8.1	8.4	8.3	8.3
Western Australia	524.1	535.9	531.5	530.1	526.2
Private	365.5	377.5	370.5	369.3	365.7
Public	158.6	158.4	161.0	160.7	160.5
Commonwealth	24.8	24.7	26.1	26.0	26.3
State	123.3	122.9	124.1	123.7	123.2
Local	10.5	10.7	10.8	11.0	11.0
Tasmania	150.5	157.0	157.3	156.3	155.9
Private	98.6	103.0	104.7	103.8	102.9
Public	51.9	54.0	52.6	52.5	53.0
State	39.1	40.4	39.7	38.9	39.3
Northern Territory	56.4	62.8	61.5	62.5	62.7
Private	34.9	40.5	39.3	40.1	40.5
Public	21.5	22.2	22.3	22.4	22.2
Aust. Capital Territory	122.1	125.4	125.0	124.4	125.3
Private	51.5	55.4	55.1	54.2	54.5
Public	70.6	70.0	69.9	70.1	70.9
Australia	6,132.3	6,270.9	6,227.1	6,215.6	6,223.0
Private	4,415.7	4,552.6	4,492.9	4,484.2	4,488.8
Public	1,716.6	1,718.4	1,734.2	1,731.4	1,734.2
Commonwealth	422.8	398.6	403.3	404.7	404.9
State	1,137.3	1,160.5	1,172.4	1,166.7	1,169.3
Local	156.5	159.2	158.5	160.0	159.9

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PUBLIC INSTITUTIONAL SECTOR

State, Territory/Sector	Public Trading Enterprises		Financial Enterprises		General Government Enterprises		Total Public	
	February 1990	March qtr 1990	February 1990	March qtr 1990	February 1990	March qtr 1990	February 1990	March qtr 1990
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
New South Wales								
Total Public	143.8	1,126.3	29.9	184.2	379.6	2,716.9	553.4	4,027.3
Commonwealth	63.8	503.8	19.1	114.5	53.2	409.0	136.1	1,027.2
State	63.9	511.0	10.8	69.7	281.7	2,022.1	356.4	2,602.8
Local	16.1	111.5	—	—	44.8	285.8	60.9	397.3
Victoria								
Total Public	119.3	956.6	20.1	120.6	308.8	2,035.8	448.2	3,113.0
Commonwealth	49.5	388.5	6.9	44.2	38.0	292.9	94.4	725.6
State	68.3	556.7	13.2	76.5	226.6	1,531.3	308.1	2,164.5
Local	1.5	11.4	—	—	44.2	211.6	45.7	223.0
Queensland								
Total Public	45.4	326.2	8.1	46.1	205.0	1,272.7	258.5	1,645.0
Commonwealth	24.1	178.7	6.0	32.6	20.3	161.5	50.4	372.8
State	15.8	110.4	2.1	13.5	161.6	983.7	179.5	1,107.7
Local	5.6	37.0	—	—	23.1	127.5	28.7	164.6
South Australia								
Total Public	29.9	232.5	6.8	43.1	113.0	765.8	149.7	1,041.3
Commonwealth	15.8	126.0	2.3	12.6	14.6	104.3	32.6	243.0
State	14.0	105.8	4.6	30.5	90.2	612.5	108.7	748.8
Local	0.1	0.6	—	—	8.3	48.9	8.4	49.5
Western Australia								
Total Public	32.7	246.5	8.1	44.8	117.6	829.4	158.4	1,120.7
Commonwealth	12.0	88.0	3.0	15.5	11.2	82.8	26.1	186.4
State	20.8	158.4	5.1	29.2	95.4	687.2	121.3	874.8
Local	—	—	—	—	11.0	59.4	11.0	59.4
Tasmania								
Total Public	9.4	70.9	1.6	9.3	39.1	269.9	50.1	350.1
Commonwealth	4.0	30.5	0.7	3.8	4.9	39.2	9.6	73.4
State	5.1	38.2	0.9	5.6	30.6	211.2	36.6	254.9
Local	0.4	2.3	—	—	3.5	19.5	3.9	21.8
Northern Territory								
Total Public	2.8	21.4	0.4	2.8	18.8	145.8	22.0	170.0
Commonwealth	1.5	10.8	0.2	1.3	2.8	24.2	4.5	36.3
State	1.3	10.6	0.2	1.5	14.8	115.7	16.3	127.8
Local	—	—	—	—	1.2	5.9	1.2	5.9
Australian Capital Territory								
Total Public	5.1	37.9	0.8	5.4	63.7	530.2	69.6	573.5
Commonwealth	2.5	17.3	0.8	4.9	47.8	426.2	51.1	448.4
State	2.6	20.5	0.1	0.5	15.9	104.0	18.6	125.1
Australia								
Total Public	388.4	3,018.1	75.9	456.4	1,245.6	8,566.5	1,709.8	12,041.0
Commonwealth	173.0	1,343.6	39.0	229.4	192.7	1,540.1	404.7	3,113.1
State	191.7	1,511.6	36.9	227.0	916.8	6,267.7	1,145.4	8,006.3
Local	23.6	162.8	—	—	136.0	758.8	159.7	921.6

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,  
PUBLIC INSTITUTIONAL SECTOR, FEBRUARY 1990  
PERSONS ('000)

<i>Industry</i>	<i>Public Trading Enterprises</i>	<i>Financial Enterprises</i>	<i>General Government</i>	<i>Total Public</i>
Agriculture, forestry, fishing and hunting	0.1	—	7.5	7.5
Mining	5.9	—	0.4	6.2
Manufacturing	21.1	0.3	13.8	35.2
Electricity, gas and water	100.9	—	12.8	113.7
Construction	6.2	—	37.7	43.9
Wholesale and retail trade	3.9	—	0.7	4.5
Transport and storage	102.0	—	32.6	134.6
Communication	130.4	—	—	130.4
Finance, property and business services	6.4	74.8	34.2	115.4
Public administration and defence(a)	1.0	0.7	308.6	310.3
Community services	0.7	—	782.4	783.1
Recreation, personal and other services	10.0	—	14.9	24.9
<b>Total all industries</b>	<b>388.4</b>	<b>75.9</b>	<b>1,245.6</b>	<b>1,709.8</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,  
PUBLIC INSTITUTIONAL SECTOR, MARCH QUARTER 1990  
GROSS EARNINGS (\$m)

<i>Industry</i>	<i>Public Trading Enterprises</i>	<i>Financial Enterprises</i>	<i>General Government</i>	<i>Total Public</i>
Agriculture, forestry, fishing and hunting	0.6	—	54.2	54.8
Mining	69.1	—	2.8	71.9
Manufacturing	138.9	8.2	94.3	241.3
Electricity, gas and water	845.6	—	89.3	934.9
Construction	46.1	—	298.2	344.3
Wholesale and retail trade	26.4	—	3.3	29.7
Transport and storage	793.0	—	259.2	1,052.2
Communication	994.7	—	—	994.7
Finance, property and business services	46.3	441.9	201.1	689.3
Public administration and defence(a)	7.7	6.3	2,086.8	2,100.8
Community services	4.1	—	5,358.9	5,362.9
Recreation, personal and other services	45.7	—	118.5	164.2
<b>Total all industries</b>	<b>3,018.1</b>	<b>456.4</b>	<b>8,566.5</b>	<b>12,041.0</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS — FULL-TIME AND PART-TIME(a) — FEBRUARY 1990

	Number of employees ('000)					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
<b>AUSTRALIA BY INDUSTRY</b>						
Mining	74.8	7.2	82.0	1.4	1.0	2.4
Manufacturing	733.3	239.9	973.2	32.0	63.6	95.6
Electricity, gas and water	102.1	11.5	113.6	1.1	1.8	2.9
Construction	261.7	34.2	295.9	15.9	14.1	29.9
Wholesale trade	261.3	98.3	359.6	19.9	34.5	54.5
Retail trade	289.1	184.9	474.0	113.2	271.3	384.5
Transport and storage	215.3	52.4	267.6	24.4	14.4	38.8
Communication	96.3	29.0	125.3	1.1	4.9	6.0
Finance, property and business services	344.3	313.8	658.1	50.0	124.5	174.5
Public administration and defence(b)	180.6	92.9	273.5	7.4	29.4	36.8
Community services	391.1	495.4	886.5	61.2	337.6	398.8
Recreation, personal and other services(c)	110.3	96.3	206.5	92.5	179.9	272.4
<b>Total all industries(d)</b>	<b>3,066.1</b>	<b>1,656.8</b>	<b>4,722.9</b>	<b>420.1</b>	<b>1,077.3</b>	<b>1,497.5</b>
Private	2,149.4	1,101.8	3,251.2	372.0	887.3	1,259.4
Public	916.7	555.0	1,471.7	48.1	190.0	238.1
<b>STATES AND TERRITORIES</b>						
New South Wales	1,063.0	593.1	1,656.1	150.0	357.6	507.6
Victoria	843.6	471.2	1,314.8	108.4	286.2	394.5
Queensland	478.5	244.5	723.0	69.2	164.0	233.2
South Australia	252.6	118.0	370.5	39.0	111.5	150.5
Western Australia	264.8	136.8	401.6	30.7	98.1	128.8
Tasmania	78.6	35.1	113.7	10.6	30.6	41.2
Northern Territory	28.2	17.9	46.1	5.4	9.2	14.6
Australian Capital Territory	56.8	40.2	97.1	7.0	20.2	27.2

(a) See Appendix 1-Explanatory Notes, paragraph 19. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	78.6	77.3	77.6	70.3	7.9	78.2	77.2	833.2
Manufacturing	1,044.4	1,061.3	1,022.6	735.7	298.0	1,033.6	1,030.7	6,511.8
Electricity, gas and water	4.1	2.7	2.7	2.0	0.7	2.7	2.7	20.3
Construction	254.0	277.0	276.6	240.4	41.5	281.9	280.9	1,851.1
Wholesale and retail trade	1,301.4	1,314.3	1,263.7	680.6	587.4	1,268.0	1,262.3	5,968.5
Transport and storage	167.5	181.1	169.6	123.3	48.5	171.8	169.6	1,114.4
Road transport	89.2	98.8	87.8	71.8	18.9	90.7	88.9	536.2
Other transport and storage	78.3	82.4	81.7	51.5	29.6	81.1	80.7	578.2
Finance, property and business services	669.8	711.1	708.2	343.5	373.6	717.1	717.1	4,966.2
Banking	90.4	95.8	98.6	42.5	56.8	99.3	99.6	732.8
Non-bank finance and investment	119.1	106.5	104.2	48.3	55.6	103.9	103.3	833.8
Insurance and services to insurance	62.7	74.5	72.3	32.7	40.5	73.2	73.7	563.0
Property and business services	397.6	434.2	433.1	220.0	220.7	440.7	440.5	2,836.6
Community services	481.6	500.1	482.5	134.7	367.5	502.2	510.0	2,454.5
Health	233.4	236.8	234.2	40.9	197.2	238.1	238.3	1,183.6
Education, museum and library services	106.5	108.0	94.9	30.4	77.3	107.7	113.1	525.4
Welfare and religious institutions	88.3	88.1	83.8	26.9	62.0	88.9	89.4	298.6
Other community services	53.4	67.3	69.5	36.5	31.0	67.5	69.2	446.9
Recreation, personal and other services(a)	432.3	465.5	449.2	190.4	263.6	454.0	456.4	1,598.5
Entertainment and recreational services	88.6	98.3	94.5	47.4	47.1	94.5	94.1	375.8
Restaurants, hotels, personal services	343.8	367.2	354.7	143.0	216.5	359.6	362.3	1,222.7
Total all industries(b)	4,434.2	4,591.9	4,453.5	2,521.4	1,989.1	4,510.5	4,507.8	25,322.7
COMMONWEALTH GOVERNMENT								
Manufacturing	21.9	18.6	18.9	15.4	3.6	18.9	19.1	141.7
Electricity, gas and water	2.3	0.9	0.9	0.7	0.2	0.9	0.9	7.6
Construction	5.6	4.5	4.5	4.2	0.4	4.7	4.7	40.1
Wholesale and retail trade	1.3	1.6	1.6	0.8	0.8	1.7	1.6	11.4
Transport and storage	41.3	38.5	38.2	28.6	10.1	38.6	38.5	351.2
Communication	126.8	128.4	130.2	96.9	33.5	130.4	130.1	994.7
Finance, property and business services	47.1	48.2	48.1	20.5	27.8	48.4	48.8	293.0
Public administration and defence(c)	111.1	103.4	104.5	57.6	48.2	105.8	106.7	826.7
Community services	54.7	43.4	44.0	24.5	20.3	44.7	45.2	354.5
Recreation, personal and other services(a)	12.0	10.3	10.3	6.2	4.3	10.5	10.6	91.4
Total all industries(d)	424.3	397.9	401.3	255.6	149.2	404.7	406.4	3,113.1

For footnotes see end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA-SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
STATE GOVERNMENT								
Agriculture, forestry, fishing and hunting	7.5	7.4	7.3	6.1	1.3	7.4	7.4	53.7
Mining	6.7	6.4	6.3	5.9	0.3	6.2	6.2	71.9
Manufacturing	19.9	14.3	14.0	13.0	1.8	14.8	15.1	94.7
Electricity, gas and water	93.7	90.7	89.9	79.4	10.3	89.7	89.4	758.1
Construction	35.4	39.5	38.6	32.9	6.3	39.2	39.1	304.0
Wholesale and retail trade	2.8	2.8	2.6	1.8	0.8	2.6	2.7	17.0
Transport and storage	95.6	95.8	94.2	85.8	7.8	93.6	92.9	685.8
Finance, property and business services	58.0	66.4	66.4	29.9	36.9	66.8	66.9	394.6
Public administration and defence(c)	78.2	71.8	74.1	43.4	30.7	74.1	73.9	553.5
Community services	726.4	747.7	708.8	292.9	444.1	736.9	761.8	5,002.0
Recreation, personal and other services	13.6	14.0	13.9	5.9	8.1	14.0	14.4	71.1
Total all industries	1,137.8	1,156.6	1,116.0	597.1	548.4	1,145.4	1,169.8	8,006.3
LOCAL GOVERNMENT								
Electricity, gas and water	23.8	23.1	23.0	21.1	2.0	23.1	23.0	169.3
Public administration and defence(c)	128.3	131.8	127.5	87.0	43.5	130.4	131.2	720.6
Other industries	4.3	5.7	5.4	4.2	1.9	6.2	5.6	31.6
Total all industries	156.4	160.7	155.9	112.2	47.4	159.7	159.8	921.6

For footnotes see end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA-SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting	7.7	7.5	7.5	6.2	1.3	7.5	7.6	54.8
Mining	6.8	6.5	6.3	5.9	0.3	6.2	6.2	71.9
Manufacturing	42.8	34.1	33.7	29.6	5.6	35.2	35.1	241.3
Electricity, gas and water	119.8	114.7	113.7	101.2	12.6	113.7	113.3	934.9
Construction	41.0	44.1	43.2	37.2	6.7	43.9	43.8	344.3
Wholesale and retail trade	4.1	4.6	4.5	2.8	1.7	4.5	4.5	29.7
Transport and storage	138.5	136.8	134.7	116.3	18.2	134.6	133.8	1,052.2
Road transport	22.1	21.2	20.7	18.3	2.3	20.6	20.6	155.5
Other transport and storage	116.3	115.5	114.0	98.0	15.9	114.0	113.2	896.6
Communication	126.8	128.4	130.2	96.9	33.5	130.4	130.1	994.7
Finance, property and business services	105.1	114.6	114.7	90.7	64.8	115.4	116.0	689.3
Banking	64.6	65.1	65.4	27.7	38.2	65.8	66.5	374.3
Non-bank finance and investment	1.8	1.9	2.1	1.2	0.9	2.1	2.1	17.8
Insurance and services to insurance	14.4	15.0	15.0	5.9	9.2	15.1	15.1	104.3
Property and business services	24.3	32.6	32.2	16.0	16.4	32.4	32.4	192.9
Public administration and defence(c)	317.6	307.0	306.0	188.0	122.3	310.3	311.8	2,100.8
Community services	782.5	792.5	754.1	317.6	465.5	783.1	808.5	5,362.9
Health	290.8	290.5	286.5	78.6	213.5	292.1	293.2	1,942.4
Education, museum and library services	369.7	373.4	338.8	148.4	211.7	360.1	384.2	2,484.8
Welfare and religious institutions	19.5	22.6	22.2	7.5	15.0	22.5	22.7	132.1
Other community services	102.5	106.0	106.6	83.1	25.3	108.5	108.3	803.5
Recreation, personal and other services	25.8	24.6	24.5	12.4	12.5	24.9	25.4	164.2
Total all industries	1,718.5	1,715.2	1,673.1	964.9	745.0	1,709.8	1,736.0	12,041.0
PRIVATE AND PUBLIC								
Mining	85.4	83.8	83.9	76.2	8.2	84.4	83.4	905.1
Coal	30.2	29.2	28.9	28.1	0.9	28.9	28.9	359.2
Other mining	55.2	54.6	55.0	48.1	7.3	55.5	54.5	545.9
Manufacturing	1,087.2	1,095.3	1,056.3	765.3	303.5	1,068.8	1,065.8	6,753.1
Food, beverages and tobacco	182.4	177.0	169.1	117.0	56.4	173.4	175.3	1,079.2
Textiles	31.9	31.0	29.6	17.3	12.7	30.0	29.7	171.8
Clothing	60.3	61.6	59.4	14.1	45.6	59.8	59.1	251.9
Footwear	13.8	10.1	9.7	3.9	6.1	10.0	9.9	45.8
Wood and wood products	46.8	46.7	44.3	37.8	6.9	44.7	44.4	239.2
Furniture and mattresses	33.2	35.9	33.8	26.8	7.2	34.1	33.4	158.0
Paper and paper products	23.8	19.5	22.1	17.9	4.3	22.2	22.0	179.2
Printing and allied industries	92.7	90.9	87.0	51.7	36.6	88.3	87.9	562.6
Chemicals	53.5	58.0	53.8	36.5	17.6	54.1	54.1	418.1
Petroleum and coal products	4.4	5.4	5.5	4.8	0.7	5.5	5.5	68.9
Non-metallic mineral products	44.9	48.3	45.2	39.3	6.1	45.4	45.7	329.3
Basic iron and steel	43.3	43.6	43.9	40.0	4.1	44.1	43.8	343.1
Other basic metal products	28.0	31.2	31.6	28.1	3.5	31.6	31.4	252.7
Fabricated metal products	106.3	104.9	100.7	81.8	21.2	103.0	103.6	590.5
Motor vehicles and parts	71.3	71.7	70.8	56.8	14.6	71.3	71.3	424.7
Other transport equipment	39.6	38.5	37.6	34.4	3.7	38.0	37.1	264.8
Other machinery and equipment	139.8	142.2	140.2	107.9	33.3	141.1	139.9	924.8
Miscellaneous manufacturing	71.1	79.0	72.0	49.2	23.1	72.3	71.8	448.7

For footnotes see end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA-SECTOR AND INDUSTRY--continued

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC-continued								
Electricity, gas and water	123.9	117.4	116.4	103.2	13.2	116.4	116.0	955.2
Electricity and gas	84.8	78.7	77.8	68.4	9.2	77.6	77.2	674.7
Water, sewerage and drainage	39.1	38.7	38.6	34.8	4.0	38.8	38.8	280.5
Construction	295.1	321.0	319.8	277.5	48.2	325.8	324.7	2,195.4
Wholesale and retail trade	1,305.5	1,318.9	1,268.1	683.5	589.1	1,272.5	1,266.8	5,998.2
Wholesale trade	428.4	428.1	410.5	281.2	132.8	414.0	411.8	2,735.5
Retail trade	877.1	890.8	857.7	402.3	456.2	858.5	855.0	3,262.8
Motor vehicles, petrol, tyres	206.0	203.4	203.9	162.1	43.6	205.7	206.2	1,042.3
Other retail trade	671.1	687.4	653.7	240.1	412.7	652.8	648.8	2,220.5
Transport and storage	305.9	317.9	304.3	239.6	66.8	306.4	303.4	2,166.6
Road transport	111.3	120.0	108.6	90.1	21.2	111.3	109.5	691.7
Rail transport	74.3	74.4	73.8	68.3	5.3	73.7	72.9	538.4
Water transport	*11.3	9.3	7.7	6.0	*1.8	7.8	7.4	61.5
Air transport	36.6	34.6	34.4	21.8	13.1	34.8	34.7	284.9
Other transport and storage	72.4	79.7	79.9	53.5	25.4	78.8	78.8	590.1
Communication	127.4	130.0	131.1	97.4	33.9	131.3	131.0	998.9
Finance, property and business services	774.9	825.7	822.9	394.2	438.3	832.6	833.1	5,655.5
Banking	155.0	160.9	164.0	70.2	95.0	165.1	166.1	1,107.0
Non-bank finance	59.7	37.4	38.2	15.9	22.3	38.3	38.3	306.2
Investment; services to finance and investment	61.3	71.0	68.1	33.5	34.2	67.7	67.0	545.4
Insurance and services to insurance	77.1	*89.5	87.3	38.6	49.7	88.3	88.8	667.3
Property and business services	421.9	466.8	465.3	236.0	237.1	473.1	472.8	3,029.5
Public admin. and defence(c)	317.6	307.0	306.0	188.0	122.3	310.3	311.8	2,100.8
Commonwealth government admin.	88.5	*79.6	80.8	41.8	39.9	81.8	82.8	653.3
State government admin.	71.1	65.8	68.0	40.1	27.9	68.0	67.7	510.1
Local government admin.	128.4	132.4	128.0	87.2	43.7	131.0	131.8	724.1
Other public admin. and defence(c)	29.6	29.2	29.2	18.8	10.8	29.6	29.5	213.3
Community services	1,264.0	1,292.6	1,236.6	452.3	833.0	1,285.3	1,318.5	7,817.4
Health	524.1	527.3	520.8	119.5	410.7	530.2	531.5	3,126.0
Education, museum and library services	476.2	481.4	433.7	178.8	289.0	467.8	497.3	3,010.2
Welfare and religious institutions	107.8	110.7	106.0	34.4	77.0	111.4	112.1	430.8
Other community services	155.9	173.2	176.1	119.6	56.3	175.9	177.6	1,250.4
Recreation, personal and other services(a)	458.1	490.1	473.7	202.8	276.2	479.0	481.8	1,762.6
Entertainment and recreational services	110.4	118.9	114.8	57.9	57.1	115.0	114.9	518.2
Restaurants, hotels, personal services	347.7	371.1	358.9	144.9	219.1	364.0	366.9	1,244.5
Total all Industries(d)	6,152.7	6,307.2	6,126.7	3,486.3	2,734.1	6,220.4	6,243.9	37,363.7

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA

<i>Industry</i>	<i>Number of employees ('000)</i>				
	<i>March 1989</i>	<i>December 1989</i>	<i>January 1990</i>	<i>February 1990</i>	<i>March 1990</i>
Mining	85.4	83.3	83.7	83.5	83.4
Manufacturing	1,074.6	1,088.2	1,061.6	1,058.5	1,053.4
Construction	293.2	232.2	325.0	322.9	322.7
Wholesale and retail trade	1,305.3	1,292.1	1,263.8	1,267.9	1,266.5
Transport and storage	306.6	313.8	305.3	305.5	304.0
Communication	127.0	129.2	131.5	131.0	130.6
Finance, property and business services	769.2	782.0	826.6	825.2	826.7
Public administration and defence(a)	316.8	307.4	310.2	310.3	310.9
Community services	1,266.4	1,300.7	1,319.6	1,315.2	1,321.0
Recreation, personal and other services	452.3	482.8	475.2	473.1	475.7
<b>Total all Industries(b)(c)</b>	<b>6,132.3</b>	<b>6,270.9</b>	<b>6,227.1</b>	<b>6,215.6</b>	<b>6,223.0</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates, not by the summation of the component industries because not all industries are seasonally adjusted.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Manufacturing	357.0	357.0	350.2	247.7	105.7	353.4	353.3	2,350.7
Electricity, gas and water; construction	88.1	88.5	84.2	74.3	12.6	86.9	87.0	587.4
Wholesale and retail trade	450.6	459.2	437.5	241.0	198.8	439.8	438.5	2,238.4
Transport and storage	59.6	66.0	60.2	40.4	19.6	60.0	59.8	418.3
Finance, property and business services	266.0	281.8	287.2	142.7	148.6	291.3	291.6	2,174.7
Banking	34.8	36.6	39.0	17.1	22.3	39.4	39.5	321.0
Non bank finance, investment and insurance	74.3	80.2	78.6	37.8	41.8	79.6	79.1	683.3
Property and business services	156.9	165.0	169.5	87.7	84.6	172.3	173.0	1,170.4
Community services	164.3	174.8	164.5	44.9	126.0	170.9	175.0	864.8
Health	83.0	78.1	76.2	13.8	63.4	77.2	77.4	387.5
Education, museum and library services	38.1	39.2	33.4	9.4	29.6	39.0	41.1	190.0
Welfare and other community services	43.3	57.5	55.0	21.7	32.9	54.6	56.5	287.4
Recreation, personal and other services(a)	164.4	191.0	186.0	83.1	104.6	187.7	187.5	713.1
Total all industries(b)(e)	1,572.1	1,638.7	1,590.2	893.1	717.2	1,610.4	1,612.9	9,574.3
PUBLIC								
Manufacturing	16.6	12.1	11.8	10.8	1.6	12.4	12.1	91.8
Electricity, gas and water; construction	53.8	55.4	52.9	46.6	6.9	53.5	53.5	453.5
Wholesale and retail trade	0.6	0.6	0.6	0.3	0.2	0.5	0.5	4.6
Transport and storage	53.8	54.1	54.4	45.3	8.9	54.3	53.7	418.7
Communication	45.3	45.1	45.9	34.0	11.8	45.8	45.8	351.7
Finance, property and business services	44.8	47.0	46.5	18.3	28.9	47.3	47.6	262.8
Banking	25.8	25.3	25.3	10.9	14.8	25.6	26.2	148.4
Non bank finance, investment and insurance	5.1	5.4	5.4	2.0	3.4	5.4	5.4	41.2
Property and business services	13.9	16.4	15.9	5.5	10.7	16.2	16.1	73.2
Public administration and defence(c)	88.8	82.4	81.7	53.0	29.6	82.7	82.7	571.7
Community services	238.9	238.7	234.2	101.1	140.4	241.5	251.2	1,742.2
Health	87.8	84.5	83.3	22.5	62.3	84.9	85.2	580.1
Education, museum and library services	107.6	107.2	103.9	47.7	60.8	108.5	117.9	831.2
Welfare and other community services	43.5	47.1	47.1	30.8	17.3	48.1	48.1	330.8
Recreation, personal and other services	10.2	9.6	9.4	5.0	4.6	9.6	9.5	71.3
Total all industries(d)(e)	559.1	550.8	543.1	319.9	233.5	553.4	562.5	4,027.3

For footnotes see end of table

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES-SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	25.2	22.7	22.8	21.7	1.1	22.9	22.8	262.5
Manufacturing	373.6	369.1	362.0	258.5	107.3	365.8	365.4	2,442.5
Food, beverages and tobacco	55.7	55.6	54.8	37.1	18.6	55.7	55.4	369.0
Textiles; clothing and footwear	29.8	29.8	28.8	10.2	19.3	29.5	29.6	148.3
Wood and wood products	15.0	15.1	14.6	12.9	2.0	14.9	14.8	84.3
Furniture and mattresses	10.2	9.6	8.9	7.2	1.9	9.1	8.8	43.3
Paper, paper products, printing and publishing	38.5	38.7	40.4	23.6	17.3	40.9	40.8	279.6
Chemical, petroleum and coal products	27.2	30.4	26.3	17.0	9.7	26.7	26.7	224.4
Non-metallic mineral products	15.3	16.9	16.4	13.9	2.4	16.3	16.3	118.1
Basic metal products	34.4	33.5	33.7	30.6	3.2	33.8	33.7	271.1
Fabricated metal products	34.4	33.7	33.8	26.5	7.9	34.4	35.7	210.4
Motor vehicles and parts	10.0	7.8	7.6	6.4	1.4	7.8	7.9	41.9
Other transport equipment	17.6	13.9	13.8	12.5	1.4	13.9	14.0	103.1
Other machinery and equipment	60.4	57.1	56.0	42.3	13.6	55.9	55.5	380.8
Miscellaneous manufacturing	25.0	26.9	26.9	18.3	8.5	26.8	26.2	168.2
Electricity, gas and water	42.3	39.2	38.7	34.3	4.5	38.7	38.7	312.2
Construction	99.6	103.4	98.4	86.7	15.0	101.7	101.8	728.7
Wholesale and retail trade	451.2	459.8	438.1	241.4	199.0	440.4	439.0	2,243.1
Wholesale trade	150.8	146.5	142.2	95.4	47.9	143.4	141.8	1,021.2
Retail trade	300.4	313.3	295.9	145.9	151.1	297.0	297.2	1,221.8
Motor vehicles, petrol, tyres	70.5	75.6	77.7	61.8	16.3	78.1	79.1	412.3
Other retail trade	229.8	237.6	218.3	84.1	134.8	218.9	218.1	809.6
Transport and storage	113.5	121.2	114.6	85.8	28.5	114.3	113.5	836.9
Road transport	37.4	40.8	34.5	27.9	6.7	34.6	34.5	239.5
Other transport and storage	76.1	80.5	80.2	57.9	21.8	79.7	78.9	597.4
Communication	45.5	46.0	46.4	34.2	12.1	46.3	46.3	354.5
Finance, property and business services	310.9	328.8	333.7	161.0	177.5	338.6	339.2	2,437.5
Banking	60.6	61.9	64.3	28.0	37.1	65.0	65.7	469.3
Non-bank finance and investment	50.8	45.7	43.6	21.6	22.5	44.1	43.4	390.3
Insurance and services to insurance	28.6	39.8	40.4	18.3	22.6	40.9	41.0	334.3
Property and business services	170.8	181.4	185.4	93.2	95.3	188.5	189.1	1,243.6
Public admin. and defence(c)	88.8	82.4	81.7	53.0	29.6	82.7	82.7	571.7
Commonwealth government admin.	18.2	17.1	17.0	7.9	9.4	17.3	17.5	130.8
State government admin.	21.2	16.7	16.9	9.5	7.3	16.8	16.8	134.2
Local government admin.	41.2	41.4	40.6	30.2	10.8	41.0	41.1	256.8
Other public admin. and defence(c)	8.2	7.2	7.2	5.4	2.1	7.5	7.2	49.9
Community services	403.2	413.5	398.7	145.9	266.4	412.3	426.2	2,607.0
Health	170.7	162.6	159.4	36.3	125.8	162.1	162.6	967.6
Education, museum and library services	145.7	146.3	137.3	57.1	90.4	147.5	159.0	1,021.2
Welfare and other community services	86.8	104.6	102.0	52.4	50.2	102.7	104.6	618.2
Recreation, personal and other services(a)	174.6	200.5	195.3	88.1	109.2	197.3	197.0	784.4
Entertainment and recreational services	45.3	56.6	53.0	26.6	27.1	53.7	53.3	265.3
Restaurants, hotels, personal services	129.2	143.9	142.3	61.5	82.1	143.6	143.7	519.1
Total all industries(d)	2,131.2	2,189.5	2,133.3	1,213.0	950.7	2,163.7	2,175.4	13,601.6

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (e) Includes employees classified to mining.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	6.4	5.1	5.1	4.4	0.7	5.1	5.1	48.8
Manufacturing	355.8	369.2	350.4	241.8	112.2	354.1	352.6	2,239.6
Electricity, gas and water; construction	66.1	73.2	80.1	66.7	13.0	79.6	78.9	520.6
Wholesale and retail trade	361.4	354.2	340.4	187.0	154.3	341.3	340.0	1,669.6
Transport and storage	48.3	44.8	44.1	33.3	12.7	46.0	44.2	271.8
Finance, property and business services	202.8	203.0	201.2	98.3	106.0	204.3	204.6	1,456.4
Banking	26.5	28.3	28.3	13.1	15.5	28.6	28.8	223.1
Non-bank finance, investment and insurance	60.7	56.5	56.1	23.9	31.9	55.8	55.8	408.0
Property and business services	115.7	118.2	116.8	61.3	58.6	119.9	120.1	825.3
Community services	134.8	133.3	131.5	36.8	99.5	136.3	137.4	666.9
Health	56.0	55.9	58.1	10.4	48.8	59.3	58.8	287.1
Education, museum and library services	35.6	35.3	31.8	9.2	24.5	33.6	35.2	173.8
Welfare and other community services	43.1	42.0	41.6	17.3	26.2	43.4	43.5	206.0
Recreation, personal and other services(a)	103.0	99.9	93.3	40.9	53.6	94.5	96.0	299.8
Total all industries(b)	1,278.6	1,282.9	1,246.1	709.3	551.8	1,261.2	1,258.8	7,173.5
PUBLIC								
Agriculture, forestry, fishing and hunting	0.1	—	—	—	—	—	—	0.3
Mining	2.2	2.1	2.1	2.0	0.1	2.1	2.1	23.5
Manufacturing	12.4	9.0	9.2	7.2	2.0	9.2	9.1	65.3
Electricity, gas and water; construction	45.0	42.9	42.5	37.0	5.4	42.4	42.0	374.7
Wholesale and retail trade	1.1	1.5	1.4	0.8	0.7	1.5	1.5	10.2
Transport and storage	31.8	30.4	29.5	25.4	4.1	29.4	29.3	236.7
Communication	36.5	37.0	37.8	28.1	10.0	38.1	38.0	293.9
Finance, property and business services	22.4	26.6	26.5	11.7	14.7	26.4	26.6	160.1
Banking	18.2	18.6	18.6	7.7	11.0	18.7	18.8	105.4
Non-bank finance, investment and insurance	3.1	3.2	3.1	1.1	2.1	3.1	3.2	20.4
Property and business services	1.2	4.8	4.8	2.9	1.7	4.6	4.6	34.4
Public administration and defence(c)	86.5	83.0	81.3	45.1	37.2	82.3	83.0	486.0
Community services	207.7	215.1	206.0	82.8	128.5	211.3	215.5	1,430.7
Health	84.6	88.3	88.3	22.9	66.0	88.9	89.2	592.8
Education, museum and library services	96.1	99.7	89.9	39.7	54.6	94.2	98.3	617.1
Welfare and other community services	26.9	26.9	27.7	20.2	7.8	28.0	28.0	220.2
Recreation, personal and other services	5.9	5.2	5.4	2.5	2.9	5.4	5.5	31.6
Total all industries	451.6	452.8	441.6	242.7	205.5	448.2	452.6	3,113.0

For footnotes see end of table.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees (‘000)						Gross earnings \$m
	March 1989	December 1989	January 1990	February 1990		March 1990	
	Persons	Persons	Persons	Males	Females	Persons	
PRIVATE AND PUBLIC							
Mining	8.6	7.2	7.2	6.5	0.7	7.2	7.2
Manufacturing	368.2	378.1	359.6	249.0	114.2	363.2	361.7
Food, beverages and tobacco	51.9	50.1	46.2	31.6	15.9	47.5	47.9
Textiles; clothing and footwear	57.4	53.6	51.4	18.5	33.2	51.7	50.8
Wood and wood products	10.8	10.6	9.6	8.0	1.7	9.7	9.7
Furniture and mattresses	9.7	12.0	11.0	9.0	2.4	11.5	11.5
Paper, paper products, printing and publishing	38.9	33.6	33.0	22.3	11.4	33.6	33.4
Chemical, petroleum and coal products	19.0	22.2	22.7	15.7	6.7	22.5	22.4
Non-metallic mineral products	13.4	15.1	13.2	10.9	2.0	12.9	13.2
Basic metal products	12.9	17.3	17.6	15.2	2.4	17.6	17.5
Fabricated metal products	34.5	30.0	28.3	22.1	6.3	28.5	28.1
Motor vehicles and parts	39.6	41.3	41.4	32.0	9.6	41.6	41.6
Other transport equipment	10.0	11.5	10.9	9.8	1.4	11.2	10.7
Other machinery and equipment	43.8	49.8	47.9	36.2	12.2	48.5	47.9
Miscellaneous manufacturing	26.5	31.0	26.3	17.6	9.0	26.6	26.8
Electricity, gas and water	38.4	35.5	35.1	31.0	4.0	35.0	34.6
Construction	72.8	80.5	87.5	72.7	14.3	87.1	86.3
Wholesale and retail trade	362.5	355.7	341.8	187.8	154.9	342.8	341.5
Wholesale trade	130.8	124.8	121.3	82.4	40.2	122.6	122.8
Retail trade	231.7	230.9	220.4	105.4	114.8	220.2	218.6
Motor vehicles, petrol, tyres	54.4	51.4	50.6	42.2	9.1	51.3	51.5
Other retail trade	177.2	179.5	169.8	63.3	105.6	168.9	167.1
Transport and storage	80.0	75.2	73.6	58.7	16.7	75.4	73.5
Road transport	33.2	30.7	27.8	23.5	5.9	29.5	27.9
Other transport and storage	46.8	44.5	45.9	35.1	10.8	45.9	45.6
Communication	36.6	37.3	37.8	28.1	10.0	38.1	38.0
Finance, property and business services	225.3	229.6	227.7	110.0	120.8	230.8	231.2
Banking	44.7	46.9	46.9	20.8	26.5	47.3	47.5
Non-bank finance and investment	*41.8	*39.6	39.0	15.9	*22.5	38.5	38.3
Insurance and services to insurance	22.0	20.1	20.3	9.1	11.4	20.5	20.6
Property and business services	116.8	123.0	121.6	64.2	60.3	124.5	124.7
Public admin. and defence(c)	86.5	83.0	81.3	45.1	37.2	82.3	83.0
Commonwealth government admin.	13.9	12.4	12.0	6.3	5.8	12.1	12.3
State government admin.	21.0	17.0	18.5	10.6	6.8	17.4	17.3
Local government admin.	42.4	44.1	41.3	22.1	21.1	43.2	43.8
Other public admin. and defence(c)	9.1	9.5	9.5	6.1	3.5	9.6	9.7
Community services	342.4	348.4	337.4	119.6	228.0	347.6	352.9
Health	140.6	144.3	146.3	33.3	114.9	148.2	147.9
Education, museum and library services	131.8	135.0	121.6	48.8	79.0	127.9	133.4
Welfare and other community services	70.0	68.9	69.4	37.4	34.0	71.4	71.4
Recreation, personal and other services(a)	108.9	105.1	98.6	43.5	56.4	99.9	101.5
Entertainment and recreational services	28.3	26.0	24.6	12.8	12.0	24.8	25.2
Restaurants, hotels; personal services	80.6	79.1	74.0	30.7	44.4	75.1	76.4
Total all Industries(d)	1,730.3	1,735.7	1,687.7	952.0	757.3	1,709.3	1,711.4
							10,286.5

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	18.4	19.3	19.6	17.9	1.7	19.5	19.3	226.6
Manufacturing	127.5	131.8	124.7	96.4	31.0	127.4	126.7	717.7
Electricity, gas and water; construction	49.3	53.5	52.1	46.3	7.4	53.7	53.4	330.4
Wholesale and retail trade	214.4	220.9	214.0	111.3	103.7	215.0	213.5	915.8
Transport and storage	26.2	34.0	31.5	24.6	8.3	32.9	32.4	202.0
Finance, property and business services	90.1	99.8	94.6	44.6	49.4	94.0	93.0	544.4
Banking	13.5	14.7	15.0	5.8	9.2	15.0	15.0	91.1
Non-bank finance, investment and insurance	19.4	20.3	17.7	*8.9	8.7	17.7	*17.7	*123.4
Property and business services	57.2	64.8	61.8	29.8	31.5	61.4	60.3	329.9
Community services	72.6	76.2	75.3	21.6	56.9	78.5	79.6	358.9
Health	34.9	40.0	39.9	7.1	33.4	40.5	40.6	204.9
Education, museum and library services	14.0	14.9	13.2	4.8	11.1	15.9	16.6	66.3
Welfare and other community services	23.7	21.4	22.3	9.7	12.4	22.1	22.4	87.7
Recreation, personal and other services(a)	81.2	79.4	75.9	30.3	46.2	76.5	77.4	267.3
Total all industries(b)	679.8	715.2	688.0	393.2	304.5	697.7	695.6	3,563.6
PUBLIC								
Agriculture, forestry, fishing and hunting	1.6	1.6	1.5	1.3	0.2	1.5	1.6	11.1
Manufacturing	5.8	5.2	5.2	5.0	0.8	5.7	6.2	36.8
Electricity, gas and water; construction	22.0	22.5	22.2	19.5	2.7	22.2	22.2	157.5
Wholesale and retail trade	1.6	1.5	1.5	1.1	0.4	1.5	1.4	8.1
Transport and storage	26.8	26.0	25.7	23.1	2.5	25.6	25.5	185.0
Communication	20.8	21.0	21.0	15.7	5.2	20.9	20.8	156.1
Finance, property and business services	12.1	13.4	13.7	6.9	6.7	13.7	13.7	81.6
Banking	6.1	6.1	6.0	2.5	3.5	6.0	6.0	32.4
Non-bank finance, investment and insurance	3.3	3.5	3.8	1.8	2.1	3.8	3.8	23.8
Property and business services	2.7	3.8	3.9	2.7	1.2	3.8	3.9	25.4
Public administration and defence(c)	44.8	46.3	44.8	31.4	14.7	46.1	46.2	284.8
Community services	116.6	117.5	111.5	49.4	69.3	118.7	121.6	709.7
Health	36.9	36.9	35.7	11.5	25.7	37.2	37.5	240.0
Education, museum and library services	60.2	59.5	54.6	22.4	37.8	60.1	62.8	353.2
Welfare and other community services	19.5	21.0	21.1	*15.5	5.8	21.3	21.4	116.6
Recreation, personal and other services	2.1	2.2	2.5	1.1	1.5	2.6	2.6	14.3
Total all industries	254.3	257.0	249.5	154.6	103.9	258.5	261.8	1,645.0

For footnotes see end of table.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	18.4	19.3	19.6	17.9	1.7	19.5	19.3	226.6
Coal	9.4	10.0	9.7	9.3	0.4	9.7	9.7	129.4
Other mining	9.0	9.3	9.8	8.5	1.3	9.8	9.6	97.2
Manufacturing	133.3	137.0	129.9	101.4	31.7	133.1	132.9	754.5
Food, beverages and tobacco	32.1	33.3	31.3	24.2	9.2	33.4	34.8	188.0
Textiles; clothing and footwear	6.3	6.4	5.6	1.4	4.1	5.5	5.5	22.9
Wood and wood products	6.7	7.0	7.4	5.7	1.4	7.1	6.9	32.9
Furniture and mattresses	6.6	6.3	6.2	4.7	1.3	6.0	5.7	25.1
Paper, paper products, printing and publishing	14.6	15.2	14.0	9.0	5.1	14.2	14.1	85.1
Chemical, petroleum and coal products	4.9	4.1	3.8	3.0	0.9	3.9	3.9	28.8
Non-metallic mineral products	7.5	7.4	6.8	6.6	0.5	7.1	7.3	46.9
Basic metal products	6.5	6.8	6.9	6.3	0.6	6.9	6.8	51.0
Fabricated metal products	17.5	20.0	18.2	15.9	3.4	19.3	19.1	95.3
Motor vehicles and parts	6.0	5.5	5.4	4.9	0.5	5.4	5.4	31.5
Other transport equipment	6.4	7.1	6.9	6.5	0.4	6.9	6.3	45.6
Other machinery and equipment	11.6	10.8	10.7	8.6	2.0	10.6	10.5	67.0
Miscellaneous manufacturing	6.6	7.3	6.7	4.4	2.3	6.8	6.6	34.4
Electricity, gas and water	14.9	14.8	14.9	13.0	1.8	14.8	14.8	111.8
Construction	56.3	61.2	59.5	52.8	8.3	61.1	60.8	376.2
Wholesale and retail trade	216.0	222.4	215.5	112.3	104.1	216.4	215.0	923.9
Wholesale trade	65.8	74.1	65.1	45.3	20.1	65.5	65.0	369.6
Retail trade	150.2	148.3	150.4	67.0	84.0	151.0	150.0	554.3
Motor vehicles, petrol, tyres	40.5	35.5	35.8	26.7	9.4	36.1	36.0	177.2
Other retail trade	109.7	112.7	114.6	40.3	74.6	114.9	114.0	377.1
Transport and storage	53.0	60.0	57.2	47.8	10.7	58.5	57.9	387.0
Road transport	15.2	22.2	21.1	*17.8	*4.6	*22.3	*21.7	*128.8
Other transport and storage	37.9	37.8	36.1	30.0	6.2	36.2	36.2	258.2
Communication	21.0	21.1	21.1	15.9	5.2	21.1	21.0	156.6
Finance, property and business services	102.2	*113.2	108.3	51.5	56.2	107.7	106.7	626.0
Banking	19.6	20.8	21.0	8.3	12.7	21.0	21.0	123.5
Non-bank finance and investment	12.2	*10.1	*10.8	*6.1	4.5	*10.6	*10.7	*86.5
Insurance and services to insurance	10.5	*13.7	10.8	*4.6	6.3	10.9	10.8	60.7
Property and business services	59.9	68.6	65.7	32.5	32.7	65.2	64.2	355.3
Public admin. and defence(c)	44.8	46.3	44.8	31.4	14.7	46.1	46.2	284.8
Commonwealth government admin.	9.8	9.4	9.4	4.6	4.9	9.5	9.5	74.2
State government admin.	9.9	10.4	9.6	6.1	4.4	10.5	10.6	66.6
Local government admin.	22.1	23.4	22.8	18.8	4.2	23.0	23.0	126.8
Other public admin. and defence(c)	3.0	3.1	3.1	1.8	1.2	3.0	3.1	17.2
Community services	189.2	193.7	186.8	71.0	126.1	197.2	201.2	1,068.7
Health	71.9	76.9	75.6	18.6	59.1	77.7	78.1	444.9
Education, museum and library services	74.2	74.4	67.8	27.2	48.8	76.0	79.3	419.5
Welfare and other community services	43.2	42.4	43.4	25.2	18.2	43.4	43.8	204.3
Recreation, personal and other services(a)	83.3	81.6	78.4	31.4	47.7	79.2	80.0	281.6
Entertainment and recreational services	14.0	15.3	16.3	7.4	8.1	15.5	15.5	55.5
Restaurants, hotels; personal services	69.3	66.3	62.1	24.0	39.6	63.6	64.6	226.1
Total all Industries(d)	934.2	*972.2	937.5	547.7	408.5	956.2	957.4	5,208.6

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	4.1	3.0	3.3	2.8	0.5	3.4	3.3	30.3
Manufacturing	96.8	99.7	98.3	73.6	25.6	99.2	99.1	580.8
Electricity, gas and water; construction	19.2	20.9	21.4	19.1	3.0	22.1	22.4	127.0
Wholesale and retail trade	105.5	108.7	106.2	54.8	51.6	106.4	106.9	419.6
Transport and storage	11.2	11.9	11.7	8.5	2.4	10.9	11.3	66.5
Finance, property and business services	40.5	43.7	42.6	20.6	22.8	43.4	43.7	271.4
Banking	5.6	5.4	5.5	2.3	3.1	5.5	5.5	34.2
Non-bank finance, investment and insurance	11.7	9.6	9.6	4.4	5.1	9.5	9.8	75.1
Property and business services	23.2	28.7	27.5	13.8	14.6	28.4	28.3	162.1
Community services	41.2	46.4	46.4	13.7	34.7	48.4	49.4	228.9
Health	24.2	25.4	26.1	4.4	22.2	26.6	26.7	137.2
Education, museum and library services	6.0	7.9	7.1	3.3	4.8	8.1	8.8	35.6
Welfare and other community services	10.9	13.1	13.1	*6.0	7.8	13.8	13.9	56.0
Recreation, personal and other services(a)	31.3	37.5	37.5	14.7	22.6	37.3	37.3	121.8
Total all industries(b)	349.8	372.1	367.4	207.9	163.4	371.3	373.5	1,847.2
PUBLIC								
Agriculture, forestry, fishing and hunting	0.6	0.6	0.6	0.5	0.1	0.6	0.6	3.6
Mining	1.1	1.1	1.1	0.9	0.2	1.1	1.1	10.1
Manufacturing	3.8	3.7	3.6	3.3	0.4	3.7	3.6	20.3
Electricity, gas and water; construction	15.0	14.7	14.7	13.2	1.5	14.7	14.7	101.5
Wholesale and retail trade	0.1	0.2	0.2	0.1	0.1	0.2	0.2	1.1
Transport and storage	10.5	10.2	10.2	9.3	1.0	10.3	10.2	87.7
Communication	9.2	9.1	9.2	7.2	2.0	9.3	9.2	72.3
Finance, property and business services	9.3	9.6	9.6	5.0	4.8	9.7	9.8	63.5
Banking	5.5	5.9	6.0	2.9	3.1	6.0	6.0	37.6
Non-bank finance, investment and insurance	1.5	1.5	1.4	0.6	0.8	1.4	1.4	8.9
Property and business services	2.3	2.3	2.3	1.4	0.9	2.3	2.3	17.1
Public administration and defence(c)	21.5	21.2	21.7	13.5	8.6	22.1	22.2	149.1
Community services	76.0	77.4	69.9	29.7	45.6	75.3	77.2	515.6
Health	31.3	30.8	30.6	7.9	23.2	31.1	31.3	192.1
Education, museum and library services	32.7	34.2	26.9	12.7	19.2	31.8	33.4	236.5
Welfare and other community services	12.0	12.8	12.7	9.2	3.4	12.6	12.8	89.1
Recreation, personal and other services	2.7	2.7	2.8	1.1	1.8	2.9	3.1	16.4
Total all industries	150.0	150.5	143.7	83.7	66.0	149.7	151.9	1,041.3

For footnotes see end of table.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY —continued

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	5.2	4.1	4.4	3.7	0.7	4.5	4.3	40.4
Manufacturing	100.6	103.4	101.9	76.9	26.0	102.9	102.7	601.1
Food, beverages and tobacco	19.0	17.3	17.5	11.7	5.8	17.4	17.6	98.6
Textiles; clothing and footwear	6.7	7.1	7.7	3.2	4.5	7.7	7.5	35.2
Wood and wood products	5.6	4.5	3.9	3.5	0.6	4.0	4.0	21.9
Furniture and mattresses	2.6	2.8	2.3	1.9	0.4	2.3	2.3	8.8
Paper, paper products, printing and publishing	7.5	8.0	7.5	5.3	2.2	7.5	7.4	48.5
Chemical, petroleum and coal products	2.4	2.3	2.3	1.9	*0.4	2.4	2.4	17.8
Non-metallic mineral products	2.7	3.6	3.3	3.0	0.5	3.5	3.5	24.8
Basic metal products	7.5	7.8	7.9	7.2	0.6	7.8	7.8	56.3
Fabricated metal products	8.1	8.6	8.2	6.9	1.6	8.5	8.4	43.5
Motor vehicles and parts	13.5	15.1	14.4	11.5	2.8	14.4	14.4	83.1
Other transport equipment	2.0	2.3	2.3	2.2	0.2	2.3	2.3	15.2
Other machinery and equipment	14.6	14.9	16.2	12.6	3.9	16.6	16.6	98.3
Miscellaneous manufacturing	8.4	9.2	8.4	6.0	2.5	8.5	8.5	49.1
Electricity, gas and water	10.7	10.4	10.4	9.4	1.1	10.4	10.4	74.4
Construction	23.5	25.1	25.7	22.9	3.5	26.4	26.6	154.2
Wholesale and retail trade	105.7	108.9	106.4	54.9	51.7	106.6	107.1	420.7
Wholesale trade	31.4	32.6	32.6	22.0	11.1	33.1	33.1	180.8
Retail trade	74.3	76.3	73.8	32.9	40.5	73.4	74.0	239.9
Motor vehicles, petrol, tyres	16.6	16.6	16.2	12.8	3.7	16.4	16.2	74.3
Other retail trade	57.7	59.7	57.6	20.1	36.9	57.0	57.8	165.6
Transport and storage	21.7	22.1	21.9	17.8	3.4	21.2	21.5	154.3
Road transport	9.7	10.1	10.6	8.8	1.3	10.1	10.4	68.5
Other transport and storage	12.0	12.0	11.3	9.0	2.1	11.1	11.1	85.8
Communication	9.3	9.3	9.4	7.3	2.2	9.4	9.4	73.1
Finance, property and business services	49.8	53.4	52.2	25.5	27.6	53.1	53.4	335.0
Banking	11.2	11.3	11.4	5.2	6.2	11.5	11.5	71.8
Non-bank finance and investment	5.9	4.4	4.3	2.0	2.3	4.3	4.4	30.4
Insurance and services to insurance	7.3	6.7	6.7	3.0	3.6	6.6	6.9	53.6
Property and business services	25.4	31.0	29.8	15.3	15.5	30.7	30.7	179.2
Public admin. and defence(c)	21.5	21.2	21.7	13.5	8.6	22.1	22.2	149.1
Commonwealth government admin.	6.4	5.6	5.6	3.0	2.7	5.7	5.8	40.9
State government admin.	5.5	5.4	5.9	3.8	2.3	6.0	6.0	44.0
Local government admin.	8.3	8.0	8.1	5.6	2.5	8.1	8.1	48.2
Other public admin. and defence(c)	1.4	*2.2	*2.1	*1.1	*1.1	*2.2	*2.2	*16.0
Community services	117.2	123.8	116.3	43.4	80.3	123.7	126.6	744.6
Health	55.6	56.2	56.7	12.3	45.4	57.7	58.1	329.3
Education, museum and library services	38.7	42.2	34.0	15.9	24.0	39.9	42.2	272.2
Welfare and other community services	22.9	25.8	25.8	15.2	11.1	26.4	26.7	145.1
Recreation, personal and other services(a)	34.0	40.3	40.4	15.9	24.3	40.2	40.5	138.2
Entertainment and recreational services	9.3	8.7	9.1	*4.8	4.1	9.0	9.3	40.0
Restaurants, hotels; personal services	24.7	31.6	31.2	11.0	20.2	31.2	31.1	98.2
Total all industries(d)	499.8	522.6	511.1	291.6	229.4	521.0	525.3	2,888.5

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA -- SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	23.7	25.6	24.8	21.9	3.4	25.3	24.7	253.1
Manufacturing	73.3	69.4	66.2	50.4	16.2	66.6	66.1	408.8
Electricity, gas and water; construction	22.6	29.1	27.5	23.4	4.1	27.5	27.3	215.9
Wholesale and retail trade	115.5	114.3	110.9	57.7	53.5	111.1	109.8	482.5
Transport and storage	15.8	17.3	15.2	11.3	4.2	15.5	15.4	112.0
Finance, property and business services	46.7	53.7	54.3	22.9	32.1	55.0	55.0	356.0
Banking	6.1	6.8	6.8	2.5	4.4	6.8	6.8	39.8
Non-bank finance, investment and insurance	10.7	9.5	9.5	4.2	5.4	9.6	9.6	76.9
Property and business services	29.9	37.4	37.9	16.2	22.4	38.6	38.6	239.4
Community services	40.1	38.7	34.2	9.4	26.8	36.2	36.5	180.0
Health	21.3	21.2	17.6	2.8	15.1	17.9	18.1	88.2
Education, museum and library services	8.7	6.5	6.0	2.5	4.5	7.0	7.2	37.3
Welfare and other community services	10.1	11.0	10.7	4.1	7.3	11.4	11.3	54.6
Recreation, personal and other services(a)	30.7	34.5	33.9	13.1	21.5	34.6	34.2	113.7
Total all industries(b)	368.5	382.6	367.0	210.0	161.9	371.9	368.9	2,122.0
PUBLIC								
Agriculture, forestry, fishing and hunting	1.8	1.7	1.7	1.3	0.4	1.7	1.7	12.7
Mining	—	—	—	—	—	—	—	—
Manufacturing	2.7	2.9	2.8	2.4	0.4	2.9	2.8	17.6
Electricity, gas and water; construction	14.8	14.7	14.7	13.2	1.5	14.7	14.7	114.9
Wholesale and retail trade	0.3	0.5	0.5	0.3	0.1	0.5	0.5	3.5
Transport and storage	10.3	9.7	9.6	8.7	1.0	9.7	9.7	79.6
Communication	9.1	10.2	10.2	7.5	2.8	10.3	10.2	75.0
Finance, property and business services	10.5	11.4	11.8	5.4	6.4	11.8	11.7	72.7
Banking	6.5	6.9	7.2	2.8	4.4	7.2	7.2	37.5
Non-bank finance, investment and insurance	1.4	1.3	1.3	0.6	0.8	1.4	1.4	10.4
Property and business services	2.5	3.1	3.2	2.0	1.1	3.2	3.2	24.8
Public administration and defence(c)	23.8	23.0	24.1	14.5	9.8	24.4	24.8	167.2
Community services	84.3	81.2	76.6	31.0	49.4	80.4	83.2	563.8
Health	29.7	30.2	29.2	8.4	21.9	30.3	30.4	214.4
Education, museum and library services	42.6	38.6	35.6	13.8	23.7	37.5	40.3	246.0
Welfare and other community services	12.0	12.4	11.9	8.8	3.8	12.5	12.5	103.3
Recreation, personal and other services	2.1	2.2	2.1	1.1	1.0	2.2	2.3	13.6
Total all industries	159.7	157.4	154.1	85.4	73.0	158.4	161.6	1,120.7

For footnotes see end of table.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY—*continued*

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	23.7	25.6	24.8	21.9	3.4	25.3	24.7	253.1
Manufacturing	76.1	72.3	68.9	52.8	16.6	69.4	68.8	426.4
Food, beverages and tobacco	14.9	12.2	11.3	7.3	4.1	11.4	11.6	66.1
Textiles; clothing and footwear	3.7	3.5	2.9	1.2	1.8	3.0	3.0	13.9
Wood and wood products	5.1	5.6	4.8	4.1	0.8	4.9	4.8	24.3
Furniture and mattresses	3.6	4.5	4.5	3.5	1.0	4.4	4.4	19.8
Paper, paper products, printing and publishing	9.5	7.9	7.7	4.4	3.5	7.9	7.8	46.9
Chemical, petroleum and coal products	3.3	3.4	3.3	2.8	0.5	3.3	3.3	30.7
Non-metallic mineral products	4.6	4.1	4.0	3.4	0.6	4.0	3.9	27.0
Basic metal products	6.1	5.5	5.5	5.0	0.5	5.5	5.5	47.9
Fabricated metal products	8.8	9.6	9.6	8.0	1.5	9.6	9.5	56.4
Transport equipment	4.7	4.7	4.8	4.4	0.5	4.8	4.7	29.4
Other machinery and equipment	8.1	7.7	7.7	6.6	1.2	7.8	7.6	47.7
Miscellaneous manufacturing	3.7	3.6	2.8	2.1	0.7	2.8	2.8	16.3
Electricity, gas and water	10.2	10.2	10.2	9.3	0.9	10.2	10.3	81.6
Construction	27.1	33.6	32.0	27.3	4.7	32.0	31.8	249.2
Wholesale and retail trade	115.8	114.8	111.4	58.0	53.6	111.6	110.2	486.1
Wholesale trade	35.1	35.7	34.7	25.0	10.0	35.0	34.7	216.6
Retail trade	80.7	79.1	76.7	33.0	43.6	76.6	75.6	269.4
Motor vehicles, petrol, tyres	15.4	15.4	15.4	12.1	3.4	15.5	15.2	82.8
Other retail trade	65.2	63.7	61.3	20.9	40.2	61.1	60.3	186.6
Transport and storage	26.1	26.9	24.8	20.0	5.3	25.3	25.1	191.6
Road transport	10.1	10.0	8.6	7.2	2.0	9.1	9.0	54.7
Other transport and storage	16.0	16.9	16.2	12.8	3.3	16.1	16.0	136.9
Communication	9.1	10.2	10.2	7.5	2.8	10.3	10.2	75.0
Finance, property and business services	57.2	65.0	66.0	28.3	38.5	66.8	66.7	428.7
Banking	12.6	13.7	14.0	5.2	8.8	14.0	14.0	77.2
Non-bank finance and investment	6.8	5.5	5.7	*2.8	2.9	5.7	5.6	50.1
Insurance and services to insurance	5.4	5.3	5.2	1.9	3.4	5.3	5.3	37.1
Property and business services	32.4	40.5	41.1	18.3	23.5	41.8	41.8	264.2
Public admin. and defence(c)	23.8	23.0	24.1	14.5	9.8	24.4	24.8	167.2
Commonwealth government admin.	6.1	4.7	5.7	2.8	2.9	5.7	5.9	38.8
State government admin.	5.9	6.1	6.1	3.6	2.5	6.2	6.2	57.1
Local government admin.	10.4	10.8	10.9	7.3	3.7	11.0	11.1	60.2
Other public admin. and defence(c)	1.4	1.5	1.5	0.8	0.7	1.5	1.5	11.0
Community services	124.4	120.0	110.9	40.4	76.2	116.6	119.7	743.8
Health	51.0	51.4	46.7	11.2	37.0	48.2	48.5	302.6
Education, museum and library services	51.3	45.1	41.6	16.3	28.2	44.5	47.5	283.3
Welfare and other community services	22.1	23.4	22.5	12.9	11.0	23.9	23.8	157.9
Recreation, personal and other services(a)	32.9	36.7	36.1	14.2	22.5	36.8	36.5	127.3
Entertainment and recreational services	6.4	7.4	7.1	3.7	3.5	7.2	6.8	27.3
Restaurants, hotels; personal services	26.5	29.3	29.0	10.6	19.0	29.6	29.7	100.0
Total all industries(d)	528.2	540.0	521.1	295.4	234.9	530.3	530.5	3,242.7

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	2.7	3.0	3.2	3.0	0.2	3.3	3.2	33.3
Manufacturing	27.5	28.1	26.6	21.2	5.6	26.8	26.8	173.0
Electricity, gas and water; construction	3.9	4.3	4.4	3.8	0.7	4.5	4.4	21.8
Wholesale and retail trade	26.6	27.9	27.4	14.8	12.1	27.0	26.5	119.2
Transport and storage	4.3	4.5	4.5	3.6	0.7	4.4	4.5	28.9
Finance, property and business services	9.3	11.3	11.2	6.1	5.2	11.4	11.5	65.1
Banking	1.8	1.8	1.9	0.9	1.0	1.9	1.9	11.4
Non-bank finance, investment and insurance	2.1	2.6	2.8	1.1	1.7	2.8	2.8	16.3
Property and business services	5.4	6.8	6.5	4.1	2.5	6.7	6.7	37.4
Community services	15.6	*15.7	*16.1	3.4	*13.0	*16.5	*16.5	76.4
Health	*9.0	*10.3	*10.5	*1.3	*9.3	*10.6	*10.7	*48.0
Education, museum and library services	2.4	2.0	1.7	0.8	1.3	2.0	2.1	11.0
Welfare and other community services	4.2	3.4	3.8	1.4	*2.5	3.9	3.7	17.5
Recreation, personal and other services(a)	10.3	10.2	11.0	3.8	7.2	11.0	11.3	37.7
Total all industries(b)	100.3	105.0	104.3	59.8	45.0	104.8	104.7	555.6
PUBLIC								
Agriculture, forestry, fishing and hunting	0.8	0.8	0.8	0.7	0.2	0.8	0.8	5.6
Manufacturing	0.1	0.1	0.1	0.1	—	0.1	0.1	0.8
Electricity, gas and water; construction	6.2	5.9	5.8	5.3	0.5	5.8	5.8	44.0
Wholesale and retail trade	—	0.2	0.2	0.1	*0.0	0.2	0.2	0.8
Transport and storage	2.2	2.4	2.4	2.1	0.3	2.4	2.4	18.0
Communication	2.9	3.0	3.0	2.3	0.7	3.0	3.0	22.9
Finance, property and business services	2.7	3.0	3.0	1.6	1.5	3.0	3.0	19.7
Banking	1.5	1.4	1.4	0.6	0.8	1.4	1.4	8.2
Non-bank finance, investment and insurance	0.5	0.5	0.5	0.3	0.3	0.5	0.5	3.9
Property and business services	0.8	1.0	1.0	0.7	0.4	1.0	1.0	7.5
Public administration and defence(c)	10.0	10.0	9.9	6.5	3.4	9.9	10.0	65.1
Community services	25.7	28.7	24.6	10.3	14.0	24.2	26.4	168.2
Health	10.3	9.9	9.8	2.6	7.2	9.8	9.8	65.4
Education, museum and library services	12.3	15.2	11.3	5.1	5.8	10.9	13.0	73.0
Welfare and other community services	3.2	3.6	3.5	2.6	1.0	3.5	3.5	29.8
Recreation, personal and other services	0.7	0.7	0.6	0.4	0.3	0.6	0.6	4.9
Total all industries	51.3	54.7	50.4	29.4	20.7	50.1	52.3	350.1

For footnotes see end of table.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	2.7	3.0	3.2	3.0	0.2	3.3	3.2	33.3
Manufacturing	27.6	28.2	26.7	21.3	5.7	27.0	27.0	173.8
Food, beverages and tobacco	7.5	7.4	6.8	4.4	2.4	6.8	6.8	38.7
Textiles; clothing and footwear	1.8	2.0	2.0	0.8	1.1	2.0	2.0	8.2
Wood; wood products and furniture	3.3	3.8	3.9	3.6	0.5	4.1	4.1	24.0
Paper, paper products, printing and publishing	5.3	5.0	4.4	3.7	0.7	4.4	4.4	34.6
Chemical, petroleum and coal products	1.2	1.0	0.9	0.7	0.1	0.8	0.8	7.7
Non-metallic mineral products	1.1	0.9	0.8	0.7	—	0.8	0.8	5.2
Basic metal products	3.0	3.0	3.1	2.9	0.1	3.1	3.1	27.1
Fabricated metal products	2.0	2.0	*1.9	*1.7	*0.2	*1.9	*1.9	*9.5
Transport equipment	0.8	0.8	0.8	0.8	0.1	0.9	0.9	5.9
Other manufacturing	1.7	2.5	2.2	1.9	0.4	2.2	2.3	12.9
Electricity, gas and water	4.7	4.4	4.4	4.0	0.4	4.4	4.4	34.2
Construction	5.4	5.7	5.8	5.1	0.8	5.9	5.8	31.6
Wholesale and retail trade	26.6	28.0	27.5	15.0	12.2	27.1	26.7	120.1
Wholesale trade	8.1	8.2	8.6	6.3	2.0	8.3	8.3	55.5
Retail trade	18.5	19.8	19.0	8.6	10.2	18.8	18.4	64.5
Motor vehicles, petrol, tyres	4.2	4.3	4.3	3.4	0.8	4.2	4.3	20.2
Other retail trade	14.4	15.5	14.6	5.3	9.3	14.6	14.0	44.4
Transport and storage	6.5	6.9	6.8	5.7	1.0	6.8	6.9	46.9
Road transport	3.2	3.2	3.0	2.7	0.4	3.1	3.2	17.2
Other transport and storage	3.4	3.8	3.8	3.1	0.6	3.7	3.7	29.7
Communication	2.9	3.0	3.0	2.3	0.7	3.0	3.0	23.0
Finance, property and business services	12.0	14.2	14.2	7.7	6.7	14.4	14.5	84.8
Banking	3.3	3.2	3.3	1.5	1.8	3.3	3.3	19.7
Non-bank finance and investment	*1.1	*1.1	*1.0	*0.4	*0.6	*1.0	*1.0	*6.7
Insurance and services to insurance	1.5	2.1	2.3	0.9	1.4	2.3	2.3	13.5
Property and business services	6.1	7.8	7.5	4.8	2.9	7.7	7.8	44.9
Public admin. and defence(c)	10.0	10.0	9.9	6.5	3.4	9.9	10.0	65.1
Commonwealth government admin.	1.9	1.8	1.8	0.9	0.9	1.8	1.9	13.8
State government admin.	4.1	4.1	4.2	2.7	1.4	4.1	4.0	28.2
Local government admin.	3.1	3.5	3.4	2.6	0.9	3.5	3.5	19.4
Other public admin. and defence(c)	0.9	0.5	0.5	0.3	0.2	0.5	0.5	3.8
Community services	41.3	44.4	40.7	13.7	27.0	40.7	42.8	244.6
Health	19.3	20.2	20.3	3.9	16.5	20.4	20.5	113.4
Education, museum and library services	14.6	17.3	13.1	5.8	7.1	12.9	15.1	83.9
Welfare and other community services	7.4	7.0	7.3	4.0	3.4	7.4	7.2	47.2
Recreation, personal and other services(a)	11.1	10.9	11.6	4.2	7.5	11.7	11.9	42.7
Entertainment and recreational services	*3.3	1.5	1.4	0.8	*0.6	1.5	1.4	8.0
Restaurants, hotels; personal services	7.8	9.5	10.2	3.4	6.8	10.2	10.5	34.7
Total all industries(d)	151.5	159.7	154.7	89.2	65.7	154.9	157.0	905.7

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 18. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY -- INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990	March Quarter 1990	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Mining	1.4	1.8	1.8	1.5	0.3	1.8	1.7	16.1
Manufacturing	3.5	3.4	3.2	2.4	0.9	3.3	3.2	23.4
Electricity, gas and water	1.2	1.3	1.3	1.0	0.3	1.3	1.3	10.6
Construction	4.2	6.1	*5.6	*5.4	0.9	*6.3	*6.4	*44.0
Wholesale and retail trade	11.6	12.0	11.9	6.1	5.6	11.6	11.2	56.0
Transport and storage	1.8	1.6	1.4	1.0	0.4	1.5	1.5	12.3
Communication	1.1	1.1	1.1	0.8	0.3	1.1	1.1	8.6
Finance, property and business services	4.8	6.5	*6.1	*3.5	2.9	*6.4	*6.7	33.0
Public administration and defence(a)	6.3	6.6	6.8	3.8	3.0	6.9	6.7	53.9
Community services	15.7	17.1	16.2	6.6	10.0	16.6	17.1	102.8
Health	5.8	6.5	6.3	1.9	4.6	6.4	6.4	40.9
Education, museum and library services	5.3	5.9	5.3	1.9	3.5	5.4	5.8	38.7
Welfare and other community services	*4.6	*4.8	*4.6	*2.8	*2.0	*4.8	*4.9	*23.2
Recreation, personal and other services(b)	3.4	4.1	3.8	*1.5	2.5	4.0	4.3	17.5
Total all industries(c)	55.1	61.5	59.3	33.6	27.1	60.7	61.3	378.3

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to agriculture, forestry and hunting

TABLE 19. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY — INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	March 1989	December 1989	January 1990	February 1990		March 1990		
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	4.3	3.8	4.0	3.0	1.1	4.1	4.1	26.6
Electricity, gas and water	1.5	1.5	1.5	1.2	0.2	1.5	1.5	11.9
Construction	6.1	5.4	5.3	4.7	0.7	5.4	5.2	34.8
Wholesale and retail trade	16.1	17.4	15.6	8.0	8.0	16.0	16.1	68.7
Transport and storage	*3.3	4.0	3.9	2.9	0.7	3.6	*3.6	29.1
Communication	1.9	2.0	2.0	1.3	0.7	2.0	2.0	14.1
Finance, property and business services	12.8	14.9	14.7	6.7	8.1	14.9	14.7	94.1
Public administration and defence(a)	35.9	*34.5	35.7	20.2	15.9	36.1	36.3	322.9
Community services	30.6	31.5	29.5	11.7	18.9	30.6	31.9	208.4
Health	9.2	9.2	9.4	2.0	7.5	9.4	9.5	47.4
Education, museum and library services	14.6	15.2	12.9	5.6	8.1	13.7	14.9	100.5
Welfare and other community services	*6.8	*7.1	*7.3	*4.1	*3.4	*7.5	*7.4	*60.5
Recreation, personal and other services(b)	9.9	10.8	9.4	4.0	6.0	10.0	10.1	39.6
Total all industries(c)	122.4	*126.0	122.6	63.8	60.4	124.2	125.6	851.8

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc (b) Excludes private households employing staff. (c) Includes mining and employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 20. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR — EMPLOYER UNIT SIZE(a)

	<i>Less than 20 employees</i>		<i>20-99 employees</i>		<i>100 or more employees</i>		<i>Total</i>	
	<i>February 1990</i>	<i>March Quarter 1990</i>	<i>February 1990</i>	<i>March Quarter 1990</i>	<i>February 1990</i>	<i>March Quarter 1990</i>	<i>February 1990</i>	<i>March Quarter 1990</i>
		<i>Gross Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Gross Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Gross Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Gross Persons ('000)</i>
<b>AUSTRALIA BY INDUSTRY</b>								
Mining	5.3	40.1	9.8	104.6	63.2	688.5	78.2	833.2
Manufacturing	184.9	902.4	220.7	1,244.2	628.0	4,365.2	1,033.6	6,511.8
Electricity, gas and water	0.2	1.0	0.4	2.6	2.1	16.7	2.7	20.3
Construction	145.7	745.1	65.3	476.1	71.0	630.0	281.9	1,851.1
Wholesale and retail trade	499.2	2,133.1	257.5	1,423.5	511.3	2,412.0	1,268.0	5,968.5
Transport and storage	61.9	309.2	45.2	292.0	64.8	513.2	171.8	1,114.4
Finance, property and business services	240.0	1,396.5	168.1	1,291.6	309.0	2,278.1	717.1	4,966.2
Community services	148.5	733.8	118.7	548.4	235.0	1,172.3	502.2	2,454.5
Recreation, personal and other services(b)	191.3	588.1	141.8	503.9	120.9	506.4	454.0	1,598.5
<b>Total all industries(c)</b>	<b>1,477.5</b>	<b>6,851.6</b>	<b>1,027.5</b>	<b>5,887.2</b>	<b>2,005.5</b>	<b>12,583.9</b>	<b>4,510.5</b>	<b>25,322.7</b>
<b>STATES AND TERRITORIES</b>								
New South Wales	508.7	2,462.9	353.0	2,179.3	748.7	4,932.0	1,610.4	9,574.3
Victoria	391.0	1,797.7	286.5	1,590.9	583.7	3,784.9	1,261.2	7,173.5
Queensland	261.6	1,127.4	152.0	824.4	284.1	1,611.8	697.7	3,563.6
South Australia	122.8	553.0	91.9	470.8	156.7	823.4	371.3	1,847.2
Western Australia	116.6	543.8	93.4	550.7	161.9	1,027.6	371.9	2,122.0
Tasmania	39.1	177.1	25.0	126.2	40.7	252.3	104.8	555.6
Northern Territory	15.6	81.1	11.2	63.5	11.8	63.7	38.7	208.3
Australian Capital Territory	22.2	108.7	14.6	81.4	17.8	88.2	54.6	278.3

(a) See Appendix 3. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to communication.

## APPENDIX 1 - EXPLANATORY NOTES

### **Introduction**

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

### **Scope of the survey**

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. As an indicator of the number of employed wage and salary earners out of scope of the survey, and included in the first three groups above, the following estimates derived from other sources show the average number of employees for the year ended June 1989 as:

• New South Wales	76,700
• Victoria	43,700
• Queensland	52,700
• South Australia	17,300
• Western Australia	26,500
• Tasmania	9,700
• Northern Territory	5,500
• Australian Capital Territory	7,900
• Australia	240,000

### **Survey design**

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private* and *Public* sectors, samples of approximately 15,000 private and 2,500 public employer units were selected from the ABS register of businesses to

ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector. An equal probability sample is selected from each stratum.

7. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. The greater than usual change in the sample in recent quarters, however, has caused an increase in the standard error of the movement in the estimates between those periods (see paragraphs 10 to 12, below, for more information on interpretation of estimates of movements).

8. For the September quarter 1988, public sector sampling was introduced which reduced the number of public sector statistical units from a complete enumeration of approximately 4,000 to a sample of 2,500. This change has also been achieved without significant loss of accuracy in the main estimates.

### **Reliability of estimates**

9. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 2 - Technical Note.

### **Interpretation of estimates of movements**

10. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings.

11. Recently the ABS has introduced new definitions and rules for recording units on the register with greater emphasis being given to the way organisations are structured and the type of data available from businesses' accounts. In order to correctly interpret these new rules, the ABS has commenced a program of visits to the largest private and public sector organisations in Australia to obtain up to date information on their structure and operations. The outcome of these visits and the adoption of new units definitions will be changes in the survey estimates, as outlined in paragraph 10 above.

12. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

#### **Seasonal Adjustment**

13. Seasonally adjusted series are published in Tables 2, 5 and 11. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

14. The series have been seasonally adjusted from September 1983 and the historical series can be made available on request. The seasonally adjusted statistics shown in this issue have been revised following a reanalysis which takes into account additional data that have become available since the last seasonal analysis.

15. It is possible that the seasonality of employment has been affected to varying degrees by the changed patterns of school holidays in some States. The impact of these changes on seasonally adjusted estimates cannot be assessed at this stage, and such effects are contained in both original and seasonally adjusted series.

16. Details about the method of seasonal adjustment of these series are available on request.

#### **Standard Institutional Sector Classification of Australia (SISCA)**

17. SISCA is a system for classifying institutional units by broad economic sectors and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate public sector enterprises into public business (trading and financial) and general government. Certain public sector data have been classified by SISCA and are presented in Tables 6, 7 and 8.

#### **Comparability of results**

18. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides an esti-

mate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

19. Separate estimates of full-time and part-time employees are included in Table 9. For definitions of these terms, see Appendix 3 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 18, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

20. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to sea-

sonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

21. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

22. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

#### **Employer unit size classification**

23. Data presented in Table 20 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

#### **Semi-logarithmic graphs**

24. Diagram 4 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

#### **Related publications**

25. Users may also wish to refer to the following publications which are available on request:

*The Labour Force, Australia* (6203.0) — issued monthly

*Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) — issued 11 July 1985

*Average Weekly Earnings, Australia (Preliminary)* (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

*Pay Periodicity of Gross Wages and Salaries, Australia, September quarter 1984* (6347.0) — issued 5 September 1985

*Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage* — issued June 1986

*A Guide to Labour Statistics* (6102.0) — issued 10 February 1986

*Small Business in Australia 1983-84 to 1986-87* (1321.0) — issued September 1988.

26. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### **Unpublished statistics**

27. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to Tony Gilbert on Canberra (06) 252 6655, or to Information Services in the nearest ABS office.

#### **Symbols and other usages**

- nil or rounded to zero
- r revised
- ♦ subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 2 - Technical Note

28. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

#### **Electronic services**

**DISCOVERY.** Key \*656# for selected current economic, (VIATEL) social, and demographic statistics.

**AUSSTATS.** Thousands of up-to-date time series are available on this ABS on-line service through PAXUS COMNET. For further information phone the AUSSTATS Help Desk on (06) 252 6017.

**TELESTATS.** This service provides foreign trade statistics tailored to users' requirements. Further information is available on (06) 252 5404.

Text and tables for selected Main Economic Indicator publications. Further information is available on (06) 252 5405.

#### **Floppy disk service**

Selected ABS statistics are available on floppy disk. For further information phone (06) 252 6684.

## APPENDIX 2 - TECHNICAL NOTE

### **Reliability of estimates**

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors

on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an estimate. Tables A and B show standard errors for movements in the level of estimates for the private and public sectors respectively for persons between the third month of successive quarters. Annual movement standard errors are also shown and relate to December 1988 - December 1989 movements.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,500,000 with a standard error of 25,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,475,000 to 5,525,000 and about nineteen chances in twenty that it would be in the range 5,450,000 to 5,550,000.

7. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

8. Quarterly movements in estimates of employed wage and salary earners are considered to be statistically significant where they exceed two standard errors.

9. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

TABLE A. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — PRIVATE SECTOR :  
STANDARD ERRORS, MARCH 1990, PERSONS  
('000)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Mining	0.9	0.4	0.9	0.3	0.9	0.1	0.1	—	1.7
Manufacturing	6.0	5.4	3.3	2.0	2.3	1.1	0.3	0.4	9.3
Construction	4.9	9.3	4.9	2.9	4.0	0.6	2.1	0.8	12.8
Wholesale and retail trade	13.9	12.4	6.7	6.6	3.7	1.7	1.4	1.0	21.3
Transport and storage	3.9	3.3	6.0	1.3	1.4	0.5	0.1	0.6	8.1
Finance, property and business services	14.7	13.0	6.1	3.6	4.5	1.1	1.9	1.7	21.5
Community services	6.1	6.3	5.6	3.7	1.7	4.3	0.9	0.7	12.0
Recreation, personal and other services(a)	11.8	5.6	5.8	2.4	2.3	0.7	0.8	1.2	14.7
Total all industries	25.7	22.8	14.8	9.5	8.2	4.9	3.5	2.7	40.0
QUARTERLY MOVEMENT									
Mining	0.5	0.2	0.4	0.1	0.8	—	—	—	1.0
Manufacturing	5.3	4.0	2.2	1.2	1.1	0.7	0.2	0.1	7.2
Construction	2.3	3.5	3.4	1.6	1.1	0.2	0.6	0.5	5.8
Wholesale and retail trade	6.6	8.3	6.7	2.1	2.1	0.8	0.6	0.6	12.9
Transport and storage	5.3	3.0	3.1	0.8	0.6	0.3	0.2	0.7	6.9
Finance, property and business services	5.6	4.6	7.0	1.4	1.1	0.8	0.7	0.7	10.2
Community services	3.5	2.9	2.0	2.4	4.3	0.4	0.3	0.2	7.0
Recreation, personal and other services(a)	3.4	3.8	3.8	1.1	1.2	0.5	0.1	0.5	6.6
Total all Industries	12.7	12.2	11.7	4.3	5.4	1.5	1.2	1.4	22.4
ANNUAL MOVEMENT(b)									
Mining	1.2	0.3	1.2	0.3	1.2	0.1	0.2	—	2.1
Manufacturing	8.3	7.8	4.5	2.6	2.7	0.8	0.3	0.2	12.8
Construction	5.0	10.1	5.0	2.4	4.5	0.7	1.5	0.8	13.5
Wholesale and retail trade	17.3	14.0	10.1	6.4	4.4	2.0	1.4	1.2	25.8
Transport and storage	6.4	5.6	5.8	—	1.8	0.4	0.3	1.5	10.6
Finance, property and business services	13.5	13.8	7.7	3.2	4.4	1.1	1.3	1.4	21.6
Community services	6.8	6.8	5.6	2.6	17.0	2.4	0.9	0.6	20.7
Recreation, personal and other services(a)	10.5	14.4	7.1	2.5	2.4	1.2	1.0	1.0	19.6
Total all Industries	27.8	28.9	18.0	8.8	19.1	3.7	2.9	2.8	49.0

(a) Excludes private households employing staff. (b) See paragraph 5 in Appendix 2.

TABLE B. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — PUBLIC SECTOR :  
STANDARD ERRORS, MARCH 1990, PERSONS  
('000)

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	0.1	—	—	—	—	—	0.1
Electricity, gas and water	0.1	0.1	0.2	—	—	—	—	—	0.2
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	0.1	—	—	0.1	—	—	—	0.1
Transport and storage	0.1	1.3	—	—	—	—	—	—	1.3
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.3	—	—	—	—	—	—	—	0.3
Public administration and defence(a)	1.3	1.0	0.2	0.8	0.3	0.1	—	—	1.8
Community services	1.7	0.3	1.0	0.7	0.5	—	—	—	2.2
Recreation, personal and other services	1.1	—	—	0.1	—	—	—	—	1.1
Total all industries	2.0	1.6	1.0	1.0	0.6	0.1	—	—	3.0
QUARTERLY MOVEMENT									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water	—	—	0.1	—	—	—	—	—	0.1
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	0.1	—	—	—	—	—	—	0.1
Transport and storage	0.1	0.3	0.1	—	—	—	—	—	0.3
Communication	—	—	—	—	—	—	—	—	—
Finance, property and business services	0.1	—	0.1	—	—	—	—	—	0.1
Public administration and defence(a)	0.4	0.4	0.2	0.7	0.1	—	—	—	0.9
Community services	1.0	0.8	0.7	0.4	—	—	—	—	1.5
Recreation, personal and other services	0.5	—	—	0.1	—	—	—	—	0.5
Total all industries	1.0	0.9	0.7	0.8	0.1	—	—	—	1.8
ANNUAL MOVEMENT(b)									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	0.1	0.1	—	—	—	—	—	0.1
Electricity, gas and water	—	—	0.1	—	—	—	—	—	0.1
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	0.1	—	—	—	—	—	0.1
Transport and storage	0.2	2.3	0.1	—	—	—	—	—	2.3
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.2	—	0.1	—	—	—	—	—	0.2
Public administration and defence(a)	0.7	0.7	0.5	0.2	0.3	—	—	—	1.2
Community services	1.2	1.0	0.6	0.1	0.4	—	—	—	1.7
Recreation, personal and other services	0.9	—	—	0.1	—	—	—	0.1	0.9
Total all industries	1.2	2.6	0.4	0.2	0.5	—	—	0.1	3.0

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) See paragraph 5 in Appendix 2.

### APPENDIX 3 - GLOSSARY

**Commonwealth government employees.** Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

**Employer units** are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of Appendix 1 - Explanatory Notes).

**Employer unit size.** To derive estimates of employer unit size, each of the approximately 15,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

**Full-time employees.** Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

**General government enterprises.** Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The costs of operations are often financed from public revenues, e.g. Governments Departments.

**Gross earnings.** Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation which are not covered by insurance, i.e. 'make-up' pay; and severance, termination and redundancy payments.

**Industry.** Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition* (1201.0).

**Institutional sector.** Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition* (1218.0).

**Local government employees.** Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

**Number of employees.** All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

**Part-time employees.** Permanent, temporary and casual employees who are not classified as full-time employees as defined.

**Public employees.** Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

**Public financial enterprises.** Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.

**Public trading enterprises.** Public sector enterprises predominately engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.

**Reference period for the number of employees.** The last pay period ending on or before the third Friday in each month.

**Reference period for earnings.** All pay periods for which the end of the pay period falls within the quarter.

**Sector.** Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to, the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

**State government employees.** Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory and the Australian Capital Territory administrations have been classified to 'State' governments. Employees of State governments employed interstate are included in the estimates of the State in which they are based.



## Employed Wage and Salary Earners Dissemination Methods

The ABS has a number of additional ways you can obtain information on Employed Wage and Salary Earners series. Those currently available are:

### DISCOVERY

- Contact: Ross Crossman (06) 252 6619
- available via Telecom's Videotex system, DISCOVERY key \*656#
- 20 cents per data frame (40 cents for Balance of Payments and Consumer Price Index)
- instantly updated on the day of release
- selected main statistics available
- user requires: modem, microcomputer and subscription to Discovery

### AUSSSTATS

- Contact: Peter Davidson (06) 252 6017
- available via PAXUS COMNET (previously called CSIRONET)
- approximately \$100 per hour access
- a large number of time series is available
- instantly available on the day of release
- user requires: modem, microcomputer and registered PAXUS user

### FICHE

- selected series available
- user requires: fiche reader

### TAPE

- available on special order - ABS tapes are confidentialised
- user requires: mainframe computer

### COMPUTER PRINTOUT

- available on special order
- cost depends on data requested - may require programming time

### FLOPPY DISK

- contact: Terry Turner (06) 252 6684
- selected data in standard/tailored formats available
- from \$60 per floppy disk, current publication and time series available
- user requires: IBM compatible micro + DOS 2.11

As other alternative sources become available they will be listed in the chart above. However, we may be able to provide other methods upon request.

### Unpublished data

The data appearing in this publication represent only a small proportion of the total amount available. Subject to accuracy and confidentiality considerations, there is a large volume of data which can be made available to users upon request. The scope of the data availability is shown below.

Estimates of Gross Earnings further classified by:

- Gross Wages and Salaries
- Severance, Termination and Redundancy payments
- Director's Fees

Estimates of employed wage and salary earners further classified by:

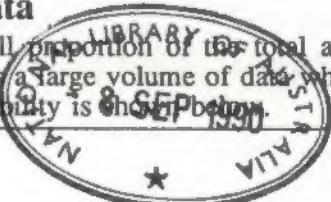
- Sex
- Full-time/part-time (available for mid-month of quarter only)
- Total persons (available monthly by original and selected seasonally adjusted series)

Industry (see Table 10 on pages 14 and 15 for an indication of the detail available)

Sector (Private/Public, further classified by Commonwealth, State, Local and Public Institutional Sector)

States, Territories and Australia

Employer size (Private sector only)



For further information on any of the above, contact:

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2062480003900

ISSN 0814-6195

Recommended retail price: \$12.50